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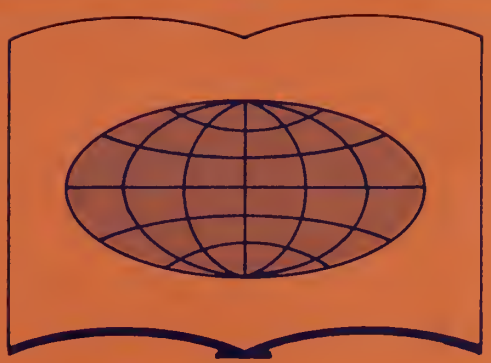

Volume 5 Number 23
November 14, 1969

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PESTICIDES DOCUMENTATION BULLETIN

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Volume 5
November 14, 1969
Number 23

A Bi-Weekly Publication of U.S. Department of Agriculture

OBJECTIVES AND SCOPE

The *Pesticides Documentation Bulletin* is compiled by the National Agricultural Library's Pesticides Information Center to facilitate national research efforts in all aspects of pest control. This bi-weekly index to the literature includes coverage of diseases, insects, nematodes, parasites, weeds and other pests affecting plants, animals, man, our natural resources and other values in man's environment. Special emphasis is given to the literature on toxicological, physiological and epidemiological aspects of pests and their control by chemical biological and integrated methods.

For broader coverage of literature on agriculture and related subjects, please consult the *Bibliography of Agriculture*, a monthly publication of the National Agricultural Library.

FORMAT

The *Bulletin* is a categorized bibliography, with citations arranged alphabetically by author under the following major subjects:

10 Entomology
20 Crop Protection
30 Livestock Protection
40 Commodity Protection
50 Environmental Contamination
55 Residues
60 Toxicology
65 Plant Physiology & Biochemistry
70 Chemistry
80 Engineering
90 Industry

Citations: Each citation consists of an accession number assigned serially with the last two digits representing the Bulletin's issue year, i.e. 3286-67. The citation number (minus the year) is used in all indices. Following the accession number is the full title of the article; all personal authors; an abbreviated journal title; volume, issue and inclusive page numbers; date of publication; language abbreviation, if other than English; and the National Agricultural Library's call number. Subject descriptors, patent or grant numbers, bibliographer's notes, and abstracts or extracts may follow each citation when appropriate.

Subject Index: Subject descriptors appear in the index followed by title arranged numerically by accession number. The Agricultural/Biological Vocabulary developed by the National Agricultural Library is used as a basic thesaurus of descriptors.

Biographical Index: Names of first authors are arranged alphabetically, followed by organizational affiliation and accession number.

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Organizational Index: Names of corporate authors or sponsoring organizations are arranged alphabetically followed by accession numbers of pertinent citations.

Other Files

In addition to the citations contained in the Bulletin, the Pesticides Information Center maintains two other files, the INTREDIS Register and the Herbicides Data File.

The INTREDIS Register is a computer data bank in the field of forest pathology. It contains title and author references to abstracted articles including subject, country, host plant genus or species, organisms causing the diseases, abstracting journal and year of publication. The computer search uses boolean parameters in any combination of elements listed.

The Herbicides Data File consists of reports on field tests conducted by the Crops Protection Research Branch, Crop Research Division, Agriculture Research Service. Each test record contains the following items of information:

Compound Tested
Company furnishing the compound
Author or Investigator
Test Sponsor
Date
Location
Mode of Application
Rates of Application
Soil Types
Carriers
Crops or Weeds tested with phytotoxicity ratings
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ACKNOWLEDGMENT

The Pesticides Information Center, National Agricultural Library, gratefully acknowledges the cooperation and assistance of the Department of Defense; Health, Education, and Welfare; and Interior; the Federal Committee on Pest Control, and state and industrial organizations in the development of the Center and preparation of this Bulletin. Special thanks are expressed to the Federal Committee on Pest Control for its suggestions and support. We hope the Bulletin will serve as an example of the effectiveness of interdepartmental cooperation and the speed with which effective services can be developed through a coordinated and cooperative interdepartmental effort.

Use of funds for printing this publication approved by the Director of the Bureau of the Budget (May 23, 1968).

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This publication reports research involving pesticides. It does not contain recommendations for their use, nor does it imply that the uses discussed here have been registered. All uses of pesticides must be registered by appropriate State and/or Federal agencies before they can be recommended.

CAUTION: Pesticides can be injurious to humans, domestic animals, desirable plants, and fish or other wildlife—if they are not handled or applied properly. Use all pesticides selectively and carefully. Follow recommended practices for the disposal of surplus pesticides and pesticide containers.

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ENTOMOLOGY

13528-69
FURTHER KNOWLEDGE ON THE BIOLOGY OF 'PEACOCK EYE' IN ACCOUNTS OF THE FIRST ATTACK. (SPRING INFECTION).
M D'Armini
Riv Patol Veg (SER.4)2(3):185-206
Apr 1967 464.8 R52
Biology, Environment, Parasitic insects. French summary

13529-69
APROPRIATENESS OF A METHOD OF PURSUING AND CAPTURING HYDRAECIA PETASITIS (NOCTUIDAE). (FR)
R Martin
Alexanor 5(2):53-54
1967 421 AL2
Automobiles, Hydraecia, Insect collecting equipment, Insect ecology, Noctuidae, Zoogeography.

SYSTEMATICS

13530-69
A NEW PARASCOTIA (HB., 1826) OF THE GUADARAMA MOUNTAIN RANGE, DEDICATED TO HIS EXCELLENCY PROF. D. MANUEL LORA TOMAYO, PHD., MINISTER OF EDUCATION AND SCIENCE. (LEP. NOCTUIDAE). (LAM. I.). (SP)
R Agenjo
Eos 43(1-2):7-12
15 Nov 1967 421 EO7
Insect anatomy, Insect morphology, Insect physiology, Insect taxonomy, Noctuidae, Parascotia lorai, Zoogeography.

13531-69
MORPHOLOGY AND GEOGRAPHIC DISTRIBUTION IN SPAIN OF THE 'CHILD OF THE MILK VETCH' PLEBEJUS (PLEBEJUS) PYLAON (F.D.W., 1824). (SP)
R Agenjo
Eos 43(1-2):21-25
15 Nov 1967 421 EO7
Insect dissemination, Insect ecology, Insect morphology, Insect taxonomy, Plebejus pylaon, Zoogeography.

13532-69
THE SCIENTIFIC RESULTS OF THE HUNGARIAN SOIL ZOOLOGICAL EXPEDITIONS TO SOUTH AMERICA. 12. ACARI: ORIBATIDS FROM THE MATERIALS OF THE SECOND EXPEDITION. III.
J Balogh S Mahunka
Acta Zool (Budapest) 15(3-4):255-275
1969 410 AC85
Insect taxonomy, Oribatidae.

13533-69
NEW RECORDS AND NOTES ON STREBLID FLIES IN CALIFORNIA (DIPTERA: PUPIPARA).
A J Beck
Wasmann J Biol 27(1,SPRING):115-119
1969 442.8 W28
Bats, Parasitic insects, Streblidae, Surveys.

13534-69
ARICIA RAMBURI VERITY IN THE CENTRAL PYRENEES (LEP., LYCAENIDAE).
W L Blom
Entomol Ber 29(7):133-134
01 Jul 1969 420 N38B
Insect taxonomy, Lycaenidae.

13535-69
NOT ALL DIURNAL BUTTERFLIES HAVE BECOME RARE. (DU)
G M Bogaard
Entomol Ber 29(5):81-84
01 May 1969 420 N38B
Insect ecology, Lepidoptera, Surveys. English abstract.

13536-69
MATERIAL FOR A REVISION OF THE GENUS OREOPSYCHE (PSYCHIDAE). (FR)
J Bourgogne
Alexanor 5(2):73-80
1967 421 AL2
Insect morphology, Insect taxonomy, Oreopsyche, Psychidae.

13537-69
MATERIAL FOR A REVISION OF THE OREOPSYCHE (PSYCHIDAE) GENUS (CONTINUATION AND END). (FR)
J Bourgogne
Alexanor 5(5):217-229 REF
1968 421 AL2
Insect morphology, Insect taxonomy, Oreopsyche, Psychidae. English and German summaries

13538-69
A NEW SPECIES OF VANDEX BURR (DERMAPTERA; LABIIDAE) FROM AFRICA.
A Brindle
Entomologist (london) 102(1275):190-193
Aug 1969 421 EN8
Dermaptera, Insect taxonomy, Labiidae.

13539-69
REVIEW OF RECENT LITERATURE ON MOSQUITOES OF NORTH AMERICA.
S J Carpenter
Calif Vector Views 15(8):71-98
Aug 1968 449.8 C12
Culicidae, Insect dissemination, Insect ecology, Insect taxonomy, Insect vectors, Surveys, Zoogeography.

13540-69
SOME NOTES ON THE MOSQUITOES OF LOUISIANA, INCLUDING THE ADDITION OF AEDES HENDERSONI COCKRELL.
H C Chapman
Mosquito News 28(4):650-651
Dec 1968 421 M85
Aedes hendersoni, Culicidae, Surveys.

13541-69
PRESENCE IN ITALY OF LEPTOCONOPS KERTESZI KIEFFER (DIPTERA, CERATAPOGONIDAE). (IT)
M Collzzi
Riv Parassitol 28(1):43-46
Mar 1967 436.8 R52
Ceratopogonidae, Economics, Insect morphology, Insect taxonomy, Leptoconops kerteszi, Zoogeography. English summary

13542-69
ON SOME SPECIES OF AEDES (DIPTERA, CULICIDAE) COLLECTED ON THE APENNINES AND ON THE GARGANO MOUNTAIN. (IT)
M Coluzzi A Coluzzi
Riv Parassitol 28(1):47-61 REF
Mar 1967 436.8 R52
Aedes, Culicidae, Insect ecology, Insect morphology, Insect taxonomy, Population, Zoogeography. English summary

13543-69
REVISION OF THE GENUS BRACHYDERES SCHONHERR, WITH SPECIAL REFERENCE TO THE STUDY OF ITS GENERATIVE ORGANS AND ITS GEOGRAPHIC DISTRIBUTION IN THE IBERIAN PENINSULA. (SP)
M G De Viedma
Eos 42(0):575-596MAP REF
28 Feb 1967 421 EO7
Curculionidae, Insect morphology, Insect taxonomy, Reproductive organs, Thylacites, Zoogeography.

13544-69
CONTRIBUTIONS TO THE STUDY OF AFRICAN MELOLONTHIDAE. II. NOTES ON THE LEUCOPHILINI AND DESCRIPTION OF NEW SPECIES. (FR
J Decelle
Rev Zool Bot Afr 77(1-2):62-82
29 Mar 1968 410 R326
Insect anatomy, Insect taxonomy, Scarabaeidae, Zoogeography.

13545-69
CONTRIBUTION TO THE STUDY OF THYSANOPTERA IN BULGARIA. (RUS)
K Donchev
Rastenievud Nauk 5(6):89-97 MAP
1968 64.8 R18
Insect taxonomy, Thysanoptera, Zoogeography. French abstract.

13546-69
NEW MORDELLIDAE FROM EUROPE, NORTH AFRICA AND THE NEAR EAST. 59. CONTRIBUTION TO THE KNOWLEDGE OF THE MORDELLIDAE. (GE)
K Ermisch
Entomol Bl 65(2):104-115
01 Sep 1969 421 EN833
Insect taxonomy, Mordellidae.

13547-69
A NEW HOSHIHANANOMIA SPECIES FROM USSURI (COLEOPTERA, MORDELLIDAE). 63. CONTRIBUTION TO THE KNOWLEDGE OF THE MORDELLIDAE. (GE)
K Ermisch
Entomol Bl 65(2):102-103
01 Sep 1969 421 EN833
Insect taxonomy, Mordellidae, Zoogeography.

13548-69
NOTES ON BEETLES (COLEOPTERA). (SP)
F Espanol
Eos 42(0):353-361 REF
28 Feb 1967 421 EO7
Anobiidae, Coleoptera, Insect morphology, Insect taxonomy, Petalium, Zoogeography.

The following species and subspecies were given: Petalium parmatum, P. parmatum angustissimum, P. cribripenne, P. bredoi, P. alluaudi, P. alluaudi obscurior, P. thomassetti, and p. madecassum.

13549-69
COENONYMPHA OEDIPPUS FAB. IN SARTHE AND MAINE-LOIRE. (FR)
L Faillie
Alexanor 5(2):54-55
1967 421 AL2
Coenonympha, Insect dissemination, Insect taxonomy, Satyridae, Zoogeography.

13550-69
NEOTROPICAL SPECIES OF OPIUS SECTION C (HYMENOPTERA, BRACONIDAE). (GE)
M Fischer
Pol Pismo Entomol 38(1):33-139 REF
1968 421 P76
Braconidae, Insect taxonomy, Opius, Zoogeography.

13551-69
ON THE KNOWLEDGE OF THE GENUS EUOPIUS FISCHER HYM., BRACONIDAE, OPIINAE . (GE)
M Fischer
Entomophaga 14(2):129 147
1969 421 EN835
Braconidae, Insect taxonomy, Zoogeography. French and English abstracts.

13552-69
LEPIDOPTERA TAKEN IN 1967 BY LIGHT TRAPS NEAR SION ABBEY (GEM. DEEP PEAT-SOIL). (DU)
G J Flint
Entomol Ber 29(7):121-122
01 Jul 1969 420 N38B
Insect taxonomy, Lepidoptera, Surveys. English abstract.

13553-69
BIOGEOGRAPHICAL REFLECTIONS WITH SPECIAL REFERENCE TO THE BEETLE FAUNA OF WESTERN NORWAY.
A Friden

Norsk Entomol Tidsskr 14(1):24-27 REF
1967 421 N812
Coleoptera, History, Insect dissemination, Insect ecology, Zoogeography.

13554-69
A TAXONOMIC REVISION OF THE GENUS ASTEROMYIA (DIPTERA: CECIDOMYIIDAE).
R J Gagne
Entomol Soc Amer Misc Publ 6(1):40 P REF
Apr 1968 420 EN82M
Asteromyia, Cecidomyiidae, Insect morphology, Insect taxonomy, Metamorphosis, Plant galls, Zoogeography.

Abstract: Seven new species are recognised: A. carbonifera, A. clarkei, A. laeviana, A. modesta, A. chrysothamni, A. euthamiae, A. gutierreziae.

13555-69
SUPPLEMENT TO THE NEUROPTEROID INSECTS OF GOEREE-OVERFLAKKEE. (DU)
D C Geijskes
Entomol Ber 29(7):127-130
01 Jul 1969 420 N38B
Ephemeroptera, Insect taxonomy, Neuroptera, Odonata, Trichoptera. English abstract.

13556-69
LIST OF COCCOIDEA FROM THE CANARY ISLES (ADDITIONS). (HEMIPTERA, HOMOPTERA). (SP)
J Gomez-Menor Ortega
Eos 43(1-2):131-135
15 Nov 1967 421 EO7
Coccoidea, Homoptera, Insect taxonomy, Zoogeography.

13557-69
ITALIAN SYRPHIDAE (DIPT.).
V S van der Goot
Entomol Ber 29(5):89-96
01 May 1969 420 N38B
Insect taxonomy, Syrphidae.

13558-69
LIST OF NOCTURNAL TRIFIDS OF FRANCE AND BELGIUM (CONTINUATION AND END) AND APPENDIX (SPECIES OF GERMAN FAUNA NOT IN FRANCE AND BELGIUM). (FR)
O Gortyna
Alexanor 5(5):232-240
1968 421 AL2
Indexing, Insect ecology, Insects, Zoogeography.

13559-69
CONTRIBUTION TO THE SYSTEMATIC AND FAUNISTICS OF BUPRESTIDAE IN CZECHOSLOVAKIA. (CZ)
J Gottwald
Acta Ent Bohemoslov 65(4):325-329 REF
1968 420 C33
Buprestidae, Insect taxonomy, Zoogeography. English and German summaries.

So far 32 species of the genus Agrilus have been recorded.

13560-69
SOME TINEID MOTHS (LEPIDOPTERA) FROM MADAGASCAR.
L A Gozmany
Acta Zool (Budapest) 15(3-4):287-297
1969 410 AC85
Insect taxonomy, Surveys, Tineidae.

13561-69
ON SOME GEOMETRIDAE OF SARDINIA. (FR)
C Herbulot
Alexanor 5(5):231-232
1968 421 AL2
Geometridae, Insect ecology, Insect taxonomy, Zoogeography.

13562-69
AEDES MELANIMON IN SASKATCHEWAN.
R G Holmberg D Trofimenkoff
Mosquito News 28(4):651-652 MAP
Dec 1968 421 M85
Aedes melanimon, Surveys.

13563-69
STUDIES ON SOME INDIAN DERMAPTERA.
V C Kapoor
Entomologist (london) 101(1259):80-82
Apr 1968 421 EN8
Dermaptera, Forficulidae, Insect taxonomy, Labiidae, Zoogeography.

13564-69
A NOTE ON EPILANDEX BURRI (BORELLI) (DERMAPTERA: CARCINOPHORINAE) AND PAREPARCHUS PELVIMETER HEBARD (DERMAPTERA: OPISTHOCOSMIINAE).
V C Kapoor
Entomologist (london) 102(1275):177-179
Aug 1969 421 EN8
Dermaptera, Insect biology, Insect taxonomy.

13565-69
RESULTS OF THE ZOOLOGICAL RESEARCH IN MONGOLIA OF DR. Z. KASZAB. 197. TENEBRIONIDAE (COLEOPTERA) OF THE 6TH EXPEDITION. (GE)
Z Kaszab
Acta Zool (Budapest) 15(3-4):299-332 MAP REF
1969 410 AC85
Insect taxonomy, Surveys, Tenebrionidae, Zoogeography.

13566-69
DISTRIBUTION AND ABUNDANCE OF HYLOTRUPES BAJULUS L. (COL., CERAMBYCIDE) AND ANOBIUM PUNCTATUM DE GEER (COL., ANOBIIDAE) ALONG THE SOGNEFORD IN WEST NORWAY.
P Knudsen
Norsk Entomol Tidsskr 14(1):44-55 REF MAP
1967 421 N812
Anobium punctatum, Household pests, Humidity, Hylotrupes bajulus, Insect dissemination, Population, Statistical distributions, Temperature, Zoogeography.

13567-69
NOTES ON ARADIDAE FROM THE EASTERN HEMISPHERE, XX (HEM. HETEROPTERA).
N A Kormilev
Eos 42(0):467-491 REF
28 Feb 1967 421 EO7
Aradidae, Heteroptera, Insect physiology, Insect taxonomy, Zoogeography.

13568-69
TWO NEW SPECIES OF THE ALTICIDAE FAMILY FROM THE SOVIET UNION. XIX. CONTRIBRUTION TO THE KNOWLEDGE OF THE ALTICIDAE. (GE)
J Kral
Entomol Bl 65(2):67-71
01 Sep 1969 421 EN833
Alticinae, Chrysomelidae, Insect taxonomy, Zoogeography.

13569-69
A CONTRIBUTION TO THE COMPOSITION AND ORIGIN OF ALPINE FAUNAS OF COLEOPTERA. (RUS)
O L Kryzhanovskij
Zool Zh 48(8):1156-1165 REF
Aug 1969 410 R92
Coleoptera, Insect ecology, Mountains, Population, Surveys.

13570-69
HYMENOPTERA-ACULEATA FROM COUCH-GRASS, SPRING 1968. (DU)
V Lefeber
Entomol Ber 29(5):99-100
01 May 1969 420 N38B
Aculeata, Surveys. English abstract.

13571-69
FRENDE, HARDE, LOHSE: THE CENTRAL EUROPEAN BEETLES, VOLUME 4 STAPHYLINIDAE I. (GE)
G A Lohse
Entomol Bl 65(2):116-117
01 Sep 1969 421 EN833
Insect taxonomy, Reviews, Staphylinidae.

13572-69
THE REPRESENTATIVES OF THE SYRPHINAE OF THE NETHERLANDS (DIPTERA, SYRPHIDAE). (DU)
J A W Lucas
Entomol Ber 29(7):134-139
01 Jul 1969 420 N38B
Surveys, Syrphidae. English abstract.

13573-69
THE SCIENTIFIC RESULTS OF THE HUNGARIAN SOIL ZOOLOGICAL EXPEDITIONS TO SOUTH AMERICA. 13. ACARI: PYGMEPHORIDAE AND SCUTACARIDAE FROM THE MATERIAL OF THE SECOND EXPEDITION (BRAZIL AND BOLIVIA).
S Mahunka
Acta Zool (Budapest) 15(3-4):333-370
1969 410 AC85
Acarina, Insect taxonomy, Mites, Surveys.

13574-69
DRAGONFLIES OF ANGLESEY.
M G Matthews
Entomologist (london) 102(1275):193
Aug 1969 421 EN8
Insect taxonomy, Odonata.

13575-69
NEW AND LITTLE KNOWN BEES OF THE GENUS AMMOBATES (HYMENOPTERA APOIDEA).
G A Mavromoustakis
Pol Pismo Entomol 38(1):141-157
1968 421 P76
Ammobates, Apidae, Bees, Insect taxonomy, Zoogeography. English summary

13576-69
SOME NEW ORIBATEI FROM XEROTHERM SOIL OF CENTRAL SPAIN (ACARINA). (SP)
F Mihelcic
Eos 42(0):517-525 REF
28 Feb 1967 421 EO7
Insect ecology, Insect taxonomy, Mites, Oribatei, Soils, Zoogeography.

13577-69
A SYSTEMATIC STUDY OF OVATICOCCUS KLOET AND ITS RELATIVES, WITH A KEY TO NORTH AMERICAN GENERA OF ERIOCOCCIDAE (HOMOPTERA: COCCOIDEA: ERIOCOCCIDAE).
D R Miller H L McKenzie
Hilgardia 38(13):471-539 REF
Oct 1967 100 C12H
Coccoidea, Eriococcidae, Insect taxonomy, Surveys, Zoogeography.

13578-69
NEW MESITIUS SPECIES (HYMENOPTERA: BETHYLIDAE).
L Moczar
Acta Zool (Budapest) 15(3-4):371-377
1969 410 AC85
Bethylidae, Insect taxonomy, Zoogeography.

13579-69
ON SOME BUTTERFLIES FROM THE INDO-PACIFIC REGION.
E J Nieuwenhuis T G Howarth
Entomol Ber 29(5):85-88
01 May 1969 420 N38B
Australian Region, Butterflies, Insect taxonomy, Oriental region.

13580-69
EPILECTA LINOGRISEA SCHIFF. IN NORMANDY, THEIR PURSUIT TODAY, THEIR RAISING FROM EGGS. (FR)
R Olivier
Alexanor 5(2):67-72
1967 421 AL2

Epilecta, Insect collecting equipment, Insect eggs, Insect rearing, Larvae, Nymphs, Reproduction, Zoogeography.

13581-69
A SYNOPSIS OF THE PHAENOCARPA FORST. SPECIES OF THE NEOTROPIC REGION (HYMENOPTERA: BRACONIDAE, ALYSIINAE).
J Papp
Acta Zool (Budapest) 15(3-4):379-389 REF
1969 410 AC85
Braconidae, Insect taxonomy, Surveys, Zoogeography.

13582-69
LETHE EURYDICE (JOHANSSON) AND L. FUMOSUS (LEUSSLER), SIBLING SPECIES (LEPIDOPTERA: SATYRIDAE).
C F dos Passos
N Y Entomol Soc J 77(2):117-122 REF
Jun 1969 420 N48J
Insect ecology, Insect taxonomy, Satyridae.

13583-69
THE LOHMANNIIDAE OF SPAIN (ACARI, ORIBATEI). (FR)
C Perez-Inigo
Eos 43(1-2):157-170
15 Nov 1967 421 EO7
Acari, Insect ecology, Insect morphology, Insect taxonomy, Mites, Oribatei, Zoogeography.

13584-69
HOST ASSOCIATIONS AND TAXONOMY OF NEARCTIC CONIFER CONE MOTHS IN THE GENUS EUCOSMA (LEPIDOPTERA: TORTRICIDAE).
J A Powell
Hilgardia 39(1):1-36 MAP REF
Jan 1968 100 C12H
Eucosmidae, Insect taxonomy, Surveys, Tortricidae, Zoogeography.

13585-69
MELIGETHES WANKAI REITTER (COL.) NITIDULIDAE): NEW SPECIES FOR GERMANY. (GE)
K Renner
Entomol Bl 65(2):65-66
01 Sep 1969 421 EN833
Insect taxonomy, Meligethes, Nitidulidae.

13586-69
CONTRIBUTION TO THE KNOWLEDGE OF THE ITALIAN SIMULIIDAE. XV. A NEW EUSIMULIUM OF THE GROUP ANNULUM. (IT)
L Rivosecchi
Riv Parassitol 28(1):63-70
Mar 1967 436.8 R52
Eusimulium, Insect physiology, Insect taxonomy, Larvae, Pupae, Simuliidae, Zoogeography. English summary

13587-69
A NEW NEARCTIC LEAFHOPPER OF THE GENUS FLEXAMIA (HEMIPTERA: CICADELLIDAE).
H H Ross T A Cooley
Entomol News (philadelphia) 80(9):246-248
Sep 1969 421 EN88
Cicadellidae, Insect taxonomy.

13588-69
THE TAXONOMIC POSITION OF SCROLIPALPA HUNGARIAE (STANDINGER, 1871) (LEPIDOPTERA: GELECHIIDAE). (GE)
K Sattler
Acta Zool (Budapest) 15(3-4):391-396 REF
1969 410 AC85
Gelechiidae, Insect taxonomy.

13589-69
ON THE SYSTEMATICS OF THE BRADYCELLUS SPECIES FROM THE HARPALINUS GROUP SERV.. (GE)
H Schweiger
Entomol Bl 65(2):86-101
01 Sep 1969 421 EN833
Carabidae, Insect taxonomy, Zoogeography.

13590-69
PRELIMINARY DIAGNOSIS OF NEW SPECIES OF TRICHOLABIODES RAD. (HYM. MUTILLIDAE). (SP)
F J Suarez
Eos 42(0):561-573
28 Feb 1968 421 EO7
Insect morphology, Insect physiology, Insect taxonomy, Mutillidae, Tricholabiodes.

13591-69
TWO NEW SPECIES OF THE GENUS THERIOAPHIS WALK. (HOMOPTERA: APHIDIDAE) FROM HUNGARY. (GE)
H Szelegiewicz
Acta Zool (Budapest) 15(3-4):455-462
1969 410 AC85
Aphididae, Insect taxonomy, Therioaphis.

13592-69
A PALAEARCTIC REPRESENTATIVE OF THE GENUS PARAHOMALOPODA GIRAULT (HYMENOPTERA, ENCYRTIDAE). (RUS)
V A Trjapitzin
Zool Zh 48(8):1252-1254
Aug 1969 410 R92
Encyrtidae, Insect evolution, Insect taxonomy.

13593-69
EUPITHECIA SZELENYII SP. NOV. (LEPIDOPTERA: GEOMETRIDAE).
A Vojnits
Acta Zool (Budapest) 15(3-4):463-466
1969 410 AC85
Geometridae, Insect taxonomy.

13594-69
CONTRIBUTIONS TO THE ELUCIDATION OF PALEARCTIC ANDRENA SPECIES. (HYM. APIDAE). (GE)
K Warncke
Eos 43(1-2):171-318
15 Nov 1967 421 EO7
Andrena, Apidae, Indexing, Insect morphology, Insect taxonomy, Zoogeography.

PHYSIOLOGY AND BIOCHEMISTRY

13595-69
EFFECT OF AGE AND PREVIOUS MATING ON THE RESPONSE OF KHAPRA BEETLE MALES TO FEMALE SEX PHEROMONE.
C Adeesan G W Rahalkar A J Tamhankar
Entomol Exp Appl 12(2):229-234
1969 421 EN895
Aging, Attractants, Pheromones, Sex behavior, Trogoderma granarium.

13596-69
COITUS BY AEDES AEGYPTI MALES WITH UNROTATED AND PARTIALLY ROTATED TERMINALIA.
D H Akey J C Jones
Mosquito News 28(4):652-653
Dec 1968 421 M85
Aedes aegypti, Reproduction, Reproductive organs, Sex behavior.

13597-69
SUGARS AND TREHALASE IN THE REPRODUCTIVE ORGANS AND HEMOLYMPH OF THE QUEEN AND DRONE HONEY BEES (APIS MELLIFICA L. VAR. LIGUSTICA SPIN.).
E Alumot Y Lensky P Holstein
Compar Biochem Physiol 28(3):1419-1425 REF
Mar 1969 444.8 C73
Apis mellifera, Blood, Enzymes, Insect biochemistry, Reproductive organs, Sugars, Trehalase.

13598-69
DISTRIBUTION OF ALKALINE PHOSPHATASE IN THE CASTES OF THE TERMITE ODONTOTERMES REDEMANNI (WASMANN) AND ITS ROLE IN CASTE FORMATION.
B Banerjee
Insectes Sociaux 14(1):51-56
Mar 1967 421 IN79
Alkaline phosphatase, Brain, Central nervous system, Cytology, Gastrointestinal system, Insect biochemistry, Larvae, Social insects, Termites.

13599-69
SEX IDENTIFICATION OF LIVE MOSQUITO PUPAE IN THE LABORATORY.
P Barbosa
Mosquito News 28(4):643-644
Dec 1968 421 M85
Aedes aegypti, Insect rearing, Pupae, Sex determination.

13600-69
MONOGYNY IN ANT SOCIETIES.
C Baroni-Urbani
Zool Anz 181(3-4,SEP-OCT):269-277 REF
Oct 1968 410 Z7
Formicidae, Insect behavior, Reproduction, Social insects.

13601-69
BIOLOGY OF THE TREFOIL SEED CHALCID, BRUCHOPHAGUS KOLOBOVAE FEDOSEEVA (HYMENOPTERA: EURYTOMIDAE).
W C Batiste
Hilgardia 38(12):427-469 REF
Oct 1967 100 C12H
Bruchophagus kolobovae, Insect biology, Insect rearing, Insect rearing equipment, Light, Plant injuries, Population, Temperature.

13602-69
HYMENOPTERA ASSOCIATED WITH ELM BARK BEETLES IN WYTHAM WOOD, BERKS.
R A Beaver
Soc Brit Entomol Trans 17(PT 6):141-150 REF
Aug 1967 420 SO15
Braconidae, Chalcididae, Hymenoptera, Insect biology, Metamorphosis, Parasitic insects, Predaceous insects, Pteleobius vittatus, Pteromalidae, Scolytus multistriatus, Scolytus scolytus.

13603-69
PATHOGENESIS OF AN ASPERGILLUS FLAVUS INFECTION OF GALLERIA MELLONELLA EGGS.
C N Behnke W G Yendol
Entomophaga 14(2):177-184 REF
1969 421 EN835
Aspergillus flavus, Conidia, Galleria mellonella, Insect diseases, Insect eggs.

13604-69
PHOSPHORUS-32 FOR MARKING TABANIDAE (DIPTERA).
G F Bennett S M Smith
Mosquito News 28(4):559-569 MAP REF
Dec 1968 421 M85
Insect behavior, Insect flight, Phosphorus 32, Radioactive tracers, Tabanidae.

13605-69
NOTES ON THE BIOLOGY OF CTENOPHTHALMUS P. PSEUDAGYRTES BAKER IN THE NORTHEAST (SIPHONAPTERA: HYSTRICHOPSYLLIDAE).
A H Benton D L Kelly
N Y Entomol Soc J 77(2):70-74 REF
Jun 1969 420 N48J
Hystrichopsyllidae, Insect biology, Insect ecology, Population.

13606-69
THE ROLE OF BETA-ALANYL-L-TYROSINE (SARCOPHAGINE) IN PUPARIUM FORMATION IN THE FLESH FLY SARCOPHAGA BULLATA.

R P Bodnaryk L Levenbook
Compar Biochem Physiol 30(5):909-921 REF
01 Sep 1969 444.8 C73
Development, Insect physiology, Pupae, Sarcophaga bullata, Tyrosine.

13607-69
ENEMIES OF ACARIDAE. (GE)
H Bohm
Pflanzenarzt 21(3):32
01 Mar 1968 464.9 P482
Acaridae, Anthocoridae, Biological control (insects), Chloroethyl)trimethylammonium chloride, (2-, Predaceous insects, Thysanoptera, Typhlodromus.

13608-69
HOST SPECIFICITY WITH ONCOPELTUS FASCIATUS (HETEROPTERA: LYGAEIDAE). (GE)
J Bongers
Entomol Exp Appl 12(2):147-156 REF
1969 421 EN895
Asclepias syriaca, Food habits, Insect biology, Insect nutrition, Oncopeltus fasciatus, Peanuts, Sunflowers, Surveys.

13609-69
OBSERVATIONS ON SEVERAL CASES OF LEG REGENERATION IN LOXOSCELES RUFESCENS (DUFOUR) (ARANEAE, SCYTODIDAE). (IT)
P M Brignoli
Fragmenta Entomol 6(2):115-120
18 Aug 1969 421 F84
Development, Insect physiology, Legs, Regeneration, Spiders. English abstract.

13610-69
COMPARATIVE FINE STRUCTURE OF ACARINE INTEGUMENT.
A R Brody
N Y Entomol Soc J 77(2):105-116
Jun 1969 420 N48J
Acarina, Cuticle, Insect physiology.

13611-69
TEMPERATURE ACCLIMATION OF RESPIRATION IN CULEX PIPIENS PIPIENS (DIPTERA: CULICIDAE) AND THE INFLUENCE OF SEASONAL SELECTION.
J D Buffington
Compar Biochem Physiol 30(5):865-878 REF
01 Sep 1969 444.8 C73
Culex pipiens, Culicidae, Insect adaptation, Insect physiology, Respiration, Temperature.

13612-69
EXPERIMENTS WITH FOOD ATTRACTANTS FOR THE DETECTION AND CONTROL OF FRUIT FLIES IN THE STATE OF VERACRUZ.
J V Camplis
Fitofilo 59(21,JUL-SEP):15-21
Sep 1968 421 F55
Attractants, Food habits, Insect control, Trypetidae.

13613-69
DISTRIBUTION AND ECOLOGY OF AEDES BICRISTATUS THURMAN AND WINKLER.
S J Carpenter D J Womeldorf
Calif Vector Views 15(4):37-41
Apr 1968 449.8 C12
Aedes bicristatus, Aedes increpitus, Culicidae, Culiseta incidens, Culiseta inornata, Insect ecology, Insect morphology, Insect rearing, Larvae, Population.

13614-69
THE EFFECT OF IMPROVED RICE FARMING TECHNIQUES ON MOSQUITO POPULATIONS IN CENTRAL TAIWAN.
M D Cates
Mosquito News 28(4):582-593 REF
Dec 1968 421 M85
Culicidae, Farming methods, Population, Rice, Surveys.

13615-69
CHEMICAL CONTROL OF CHROTOGONUS TRACHYPTERUS BLANCHARD.
B S Chahal G S Sohi
Plant Protect Bull 18(3):1-7
1966 421 P69
Benzene hexachloride, Chemical control (insects), Chrotogonus, Dusting, Insect biochemistry, Insecticides, Laboratories, Spraying.

13616-69
A PROCEDURE FOR COLLECTING ALL OF THE FORMICA POLYCTENA REJECTIONS FROM THE NEST. (FR)
R Chauvin
Insectes Sociaux 14(1):41-46
Mar 1967 421 IN79
Excavation, Formica polyctena, Formicidae, Insect collecting equipment, Insect nests, Mortality, Social insects. English summary

13617-69
AXONAL OUTGROWTH AND CELL MIGRATION IN VITRO FROM NERVOUS SYSTEM OF COCKROACH EMBRYOS.
J S Chen R Levi-montalcini
Science 166(3905):631-632
31 Oct 1969 470 SCI2
Brain, Ganglion cells, Insect physiology, Periplaneta americana, Tissue culture.

13618-69
INFLUENCE OF PHOTOPERIOD ON DEVELOPMENT AND LARVAL DIAPAUSE IN THE VICEROY BUTTERFLY, LIMENITIS ARCHIPPUS.
S H Clark A P Platt
J Insect Physiol 15(10):1951-1957
Oct 1969 421 J825
Insect physiology, Larvae, Light, Nymphalidae, Photoperiodism.

13619-69
RELATIVE SUSCEPTIBILITY OF PSOROPHORA CONFINNIS (LYNCH-ARRIBALZAGA) LARVAE IN THE RICE PRODUCING AREA OF SOUTHERN LOUISIANA TO SELECTED INSECTICIDES.
B R Craven C D Steelman
Mosquito News 28(4):596-597
Dec 1968 421 M85
Biological assay, Chlorinated hydrocarbons, Culicidae, Insecticides, Psorophora confinnis, Toxicology.

13620-69
EFFECT OF TEMPERATURE ON THE ENDOGENOUS ACTIVITY OF PERIPLANETA AMERICANA L. NERVE CORD.
V D'Ajello S Bettini A Grasso
Riv Parassitol 28(1):71-78
Mar 1967 436.8 R52
Chlorinated hydrocarbons, Culture media, Cytology, DDT, Insect physiology, Nerves, Periplaneta americana, Schistocerca gregaria, Temperature, Toxicology. Italian summary

13621-69
MITOCHONDRIAL OXIDATIONS OF FATTY ACIDS IN THE BLOWFLY, LUCILIA.
M A D'Costa L M Birt
J Insect Physiol 15(10):1959-1968
Oct 1969 421 J825
Fatty acids, Insect biochemistry, Mitochondria, Oxidation, Phaenicia cuprina.

13622-69
THE INFLUENCE OF PARENTAL AGE ON SIZE OF EGGS, DURATION OF DEVELOPMENT, AND THORACIC SIZE OF THE PROGENY IN DROSOPHILA MELANOGASTER. (FR)
J Delcour
J Insect Physiol 15(10):1999-2011
Oct 1969 421 J825
Aging, Drosophila melanogaster, Insect eggs, Insect morphology, Insect physiology. English abstract.

13623-69
FUNCTION OF INSECT COMPOUND EYES CONTAINING CRYSTALLINE TRACTS.
K B Doving W H Miller
J Gen Physiol 54(2):250-267 REF
Aug 1969 447.8 J822
Compound eye, Insect physiology, Lepidoptera, Optics.

13624-69
EVOLUTION OF XANTHINE DEHYDROGENASE IN DROSOPHILA.
E J Duke E Glassman
Genetics 58(1):101-112 REF
Jan 1968 442.8 G28
Drosophila, Electrophoresis, Enzymes, Insect biochemistry, Insect evolution, Serological tests, Xanthine dehydrogenase.

13625-69
A SIMPLE SEPARATOR FOR MOSQUITO LARVAE AND PUPAE.
F D S Evans H T Evans
Mosquito News 28(4):649-654
Dec 1968 421 M85
Culicidae, Insect collecting equipment, Larvae, Pupae.

13626-69
CONCENTRATION OF INSECT HEMOLYMPH PROTEINS UNDER VARIOUS EXPERIMENTAL CONDITIONS.
D Feir L Krzywda
Compar Biochem Physiol 31(2):197-204 REF
15 Oct 1969 444.8 C73
Carcinogens, Hemolymph, Insect biochemistry, Oncopeltus fasciatus, Proteins, Starvation.

13627-69
RESPIRATORY METABOLISM DURING METAMORPHOSIS: RESPIRATION IN VITRO OF THE OVARIES OF BOMBYX MORI. (FR)
J Fourche J C Ambrosioni
J Insect Physiol 15(10):1991-1997
Oct 1969 421 J825
Insect metabolism, Metamorphosis, Ovaries, Respiration, Bombyx mori. English abstract.

13628-69
RESEARCH ON THE EFFECT OF THE QUEEN BEE'S SUBSTANCE ON THE DEVELOPMENT OF THE ENDOCRINE GLAND OF THE WORKER HONEYBEE (APIS MELLIFICA). (GE)
R Gast
Insectes Sociaux 14(1):1-12 REF
Mar 1967 421 IN79
Apis mellifera, Corpora allata, Endocrine glands, Hormones, Insect morphology, Insect physiology, Queen bees, Research. English and French summaries

13629-69
METHODOLOGY EMPLOYED IN THE CALIFORNIA MOSQUITO LARVICIDE RESISTANCE SURVEILLANCE PROGRAM.
P A Gillies D J Womeldorf
Calif Vector Views 15(5):45-50
May 1968 449.8 C12
Culicidae, Insect rearing, Insecticide resistant insects, Ketone bodies, Larvae, Larvicides, Methodology, Research.

13630-69
THE INFLUENCE OF TEMPERATURE ON HOST ORIENTATION BY THE ALFALFA WEEVIL, HYPERA POSTICA.
Z Golik R L Pienkowski
Entomol Exp Appl 12(2):133-138 REF
1969 421 EN895
Alfalfa, Hypera postica, Insect behavior, Temperature.

13631-69
NEW EXPERIMENTS WITH MUELLER TERMITES (MACROTERMES MUELLERI) AND CONSIDERATIONS OF THE STIGMERGY THEORY. (FR)
P P Grasse

Insectes Sociaux 14(1):73-101 REF
Mar 1967 421 IN79
Cubitermes, Insect behavior, Insect nests, Macrotermes, Macrotermes muelleri, Social insects, Termites, Wood-destroying insects. German and English summaries

13632-69
SEXUAL RECEPTIVITY IN FEMALE AEDES AEGYPTI.
R W Gwadz G B Craig
Mosquito News 28(4):586-593 REF
Dec 1968 421 M85
Aedes aegypti, Insect behavior, Reproduction, Sex behavior.

13633-69
FERTILIZATION IN DROSOPHILA. III. A REVALUATION OF THE ROLE OF POLYSPERMY IN DEVELOPMENT OF THE MUTANT DEEP ORANGE.
P E Hildreth J C Lucchesi
Develop Biol 15(6):536-552 REF
Jun 1967 442.8 D49
Cell division, Drosophila, Embryology, Insect abnormalities, Insect eggs, Insect physiology, Mortality, Reproduction, Spermatozoa, Tephritidae.

13634-69
DIFFRACTION GRATINGS IN BURYING BEETLES (NICROPHORUS).
H E Hinton
Entomologist (london) 102(1275):185-189
Aug 1969 421 EN8
Color, Insect morphology, Insect protective devices, Silphidae.

13635-69
ALIESTERASE ACTIVITY AND REPRODUCTION IN BLATTELA GERMANICA.
G H S Hooper T K Wan
Entomol Exp Appl 12(2):211-220 REF
1969 421 EN895
Blattella germanica, Carboxylesterase, Insect biochemistry, Insect physiology, Reproduction.

13636-69
CAFFEINE-INDUCED ACTIVATION OF CONTRACTION IN STICK INSECT SKELETAL MUSCLE.
H Huddart
Compar Biochem Physiol 28(3):1185-1192 REF
Mar 1969 444.8 C73
Caffeine, Carausius morosus, Muscles, Phasmatidae.

13637-69
THE USE OF HELICOPTERS IN FLORIDA FOR RAPID INSPECTION FOR SALT MARSH AEDES LARVAE.
P J Hunt
Mosquito News 28(4):495-498
Dec 1968 421 M85
Aedes, Aircraft, Larvae, Population, Surveys.

13638-69
INSECT ANSWERS; INSECTICIDE TOXICITY TO HONEY BEES.
C Johansen A H Retan
Wash State Univ Ext E M (2805):2P
Jan 1969 275.29 W27MI
Apidae, Apis mellifera, Insect pollinators, Insecticides, Plant protection, Toxicology. Many insecticides are listed

13639-69
INVESTIGATION ON THE VARIABILITY OF THE THERMIC PREFERENDUM FOR CHOSEN INSECTS OF THE FAMILY CHRYSOMELIDAE (COLEOPTERA). (POL)
W Kadlubowski W Dudik
Pol Pismo Entomol 38(1):175-187 REF
1968 421 P76
Agelastica alni, Chrysomelidae, Insect physiology, Lina tremulae, Phyllodecta vitellinae, Temperature. English summary

13640-69
A BRIEF REVIEW OF NECROTIC ARACHNIDISM OR NORTH AMERICAN LOXOSCELISM.
B Keh
Calif Vector Views 14(7):48-50 REF
Jul 1967 449.8 C12
Loxosceles reclusa, Poisoning, Reviews, Spider venom.

13641-69
ON THE COMPARATIVE STUDY OF SOME NEW INSECTICIDES FOR THE CONTROL OF JUTE SEMI-LOOPER (COSMOPHILA SABULIFERA).
D U Khan K A Ahmed
Union Carbide Agr Chem Dig 10(1):6-7
1968 381 UN3
Anomis sabulifera, Benzene hexachloride, Chemical control (insects), Chlorinated hydrocarbons, Dieldrin, DDT, Insect pests, Insecticides, Larvae, Noctuidae, Toxicology.

13642-69
ON THE VOLTINISM OF POLYOMMATUS ICARUS ROTT. (LEP., LYCAENIDAE) IN GREAT BRITAIN.
E Lees
Entomologist (london) 102(1275):194-196
Aug 1969 421 EN8
Insect adaptation, Lycaenidae, Population, Zoogeography.

13643-69
FUNCTION AND PROPERTIES IN AN ASSEMBLING SCENT IN THE KHAPRA BEETLE, TROGODERMA GRANARIUM.
H Z Levinson A R Bar Ilan
Riv Parassitol 28(1):27-43
Mar 1967 436.8 R52
Chloroform, Cuticle, Ethers, Hemolymph, Insect biochemistry, Ovipositors, Properties, Scent glands, Tissues, Trogoderma granarium, Water. Italian summary

13644-69
PRELIMINARY TOXICITY STUDIES ON THE YELLOWJACKET VESPULA PENSYLVANICA (SAUSSURE) IN CALIFORNIA.
L L Lewallen
Calif Vector Views 15(1):1-2
Jan 1968 449.8 C12
Chlorinated hydrocarbons, Insect biochemistry, Insecticides, Mortality, Organophosphorus compounds, Thiocyanates, Vespula pensylvanica.

13645-69
BIOLOGY OF TRYPARGILUM SPINOSUM, WITH NOTES ON T. TEXENSE AND T. POLITUM AT LAKE TEXOMA (HYMENOPTERA: SPHECIDAE: TRYPOXYLONINAE).
C S Lin
Wasmann J Biol 27(1,SPRING):125-133 REF
1969 442.8 W28
Food habits, Insect behavior, Insect nests, Sphecidae.

13646-69
CYNIPOIDEA AND ICHNEUMONIDAE HYM. AS PARASITES OF BORIOMYIA SUBNEBULOSA (STEPH. NEUR. HEMEROBIIDAE . (GE)
E Lipkow
Entomophaga 14(2):229-241 REF
1969 421 EN835
Cynipoidea, Hemerobiidae, Ichneumonidae, Insect biology, Parasitism. English abstract.

13647-69
DETERMINATION OF FEMALES OF CALLIPHORINI AND POLLENINI (DIPTERA, CALLIPHORIDAE) BY OVIPOSITORS. (RUS)
A M Lobanov
Zool Zh 48(8):1189-1196
Aug 1969 410 R92
Calliphoridae, Insect identification, Insect morphology, Ovipositors.

13648-69
A SHORT NOTE ON PAPILIO MACHAON L. (LEP., PAPILIONIDAE). (DU)
A W P Maassen
Entomol Ber 29(7):131-132
01 Jul 1969 420 N38B
Insect rearing, Larvae, Papilionidae. English abstract.

13649-69
TRANSPORT OF MICROORGANISMS (PHI PARTICLES) BY THE FEMALE GERMINAL CELLS IN THE HOMOPTERA TYPHLOCYBA DOUGLASI EDW. (FR
P L Maillet R Folliot
Acad Sci Compt Rend Ser D Sci Nat 266(9):923-925
26 Feb 1968 505 P21
Cicadellidae, Cytology, Insect eggs, Microorganisms, Spermatozoa, Typhlocyba douglasi.

13650-69
SEASONAL ABUNDANCE OF MOSQUITOES IN SOUTHEASTERN MASSACHUSETTS.
A J Main R O Hayes R J Tonn
Mosquito News 28(4):619-626 REF
Dec 1968 421 M85
Culicidae, Population, Surveys.

13651-69
GENERALIZATION OF VISUAL STIMULI AS AN EXAMPLE OF SOLUTION OF ABSTRACT PROBLEMS BY BEES. (RUS)
G A Mazokhin-Porshnjakov
Zool Zh 48(8):1125-1139 REF
Aug 1969 410 R92
Apis mellifera, Eyes, Insect behavior, Vision.

13652-69
LOSS OF RHYTHMIC ACTIVITY IN FEMALE ANTS CAUSED BY MATING.
E S McCluskey C E Carter
Compar Biochem Physiol 31(2):217-226 REF
15 Oct 1969 444.8 C73
Insect behavior, Insect flight, Pogonomyrmex, Sex behavior, Veromessor.

13653-69
ANTENNAL TUFT ORGANS OF PEDICULUS HUMANUS LINN. AND PHTHIRUS PUBIS (LINN.) (ANOPLURA: PEDICULIDAE).
F H Miller
N Y Entomol Soc J 77(2):85-89
Jun 1969 420 N48J
Antennae, Electron microscopy, Insect morphology, Pediculus humanus, Phthirus pubis.

13654-69
TETRAHYDROFOLATE COFACTORS IN THE HOUSE FLY MUSCA DOMESTICA.
S Miller
Compar Biochem Physiol 30(5):955-963 REF
01 Sep 1969 444.8 C73
Coenzymes, Folic acid, Insect biochemistry, Insect physiology, Musca domestica.

13655-69
FURTHER OBSERVATIONS ON AEDES VEXANS (MEIGEN) IN UTAH.
K L Minson J E Graham
Mosquito News 28(4):553-558 MAP
Dec 1968 421 M85
Aedes vexans, Population, Surveys, Zoogeography.

13656-69
ESTABLISHMENT AND MAINTENANCE OF A LABORATORY COLONY OF AEDES NIGROMACULIS (LUDLOW) (DIPTERA: CULICIDAE) BY INDUCED MATING.
T Miura
Calif Vector Views 14(9):56-58
Sep 1967 449.8 C12
Aedes nigromaculis, Culicidae, Insect biology, Insect cages, Insect rearing, Laboratories, Population, Reproduction.

13657-69
HABITAT SELECTION OF LABORATORY POPULATIONS OF TRIBOLIUM.
M T Morgan
Entomol News (philadelphia) 80(9):237-245 (CONCL) REF
Sep 1969 421 EN88
Habitats, Humidity, Insect behavior, Insect ecology, Temperature, Tribolium.

13658-69
AN ALL-PURPOSE FIELD KIT FOR COLLECTING AND TRANSPORTING AQUATIC INSECTS.
W R Nowell A T O'Neal
Mosquito News 28(4):598-602
Dec 1968 421 M85
Aquatic insects, Insect collecting equipment.

13659-69
THE LARVAL BEHAVIOR OF TRYPOXYLON FIGULUS L. (HYM., SPHECIDAE).
C O'Toole
Entomologist (london) 102(1275):173-176
Aug 1969 421 EN8
Food habits, Insect behavior, Larvae, Sphecidae.

13660-69
MOSQUITO COLLECTIONS BY CDC MINIATURE LIGHT TRAPS AND LIVESTOCK-BAITED STABLE TRAPS AT CALLAO, UTAH.
J K Olson R E Elbel K L Smart
Mosquito News 28(4):512-516 REF
Dec 1968 421 M85
Culicidae, Insect collecting equipment, Light traps, Livestock, Methodology, Surveys.

13661-69
THE NOPALEA FLY, DASIOPS BENNETTI, MCALPINE DIPTERA, LONCHAEIDAE. (SP)
R C Padilla A M Gutierrez
Fitofilo 59(21,JUL-SEP)15-11
Sep 1968 421 F55
Dasiops, Insect biology.

13662-69
RECOVERY AFTER KNOCKDOWN AND NON-CONTACT TOXICITY OF CARBAMATES CARBAMULT AND ARPROCARB.
C P Pant L S Self
Mosquito News 28(4):630-638
Dec 1968 421 M85
Anopheles, Carbamates, Insect physiology, Toxicology.

13663-69
ABSORPTION AND METABOLISM OF A 10 PER CENT GLUCOSE SOLUTION IN THE MOSQUITO CULEX PIPIENS MOLESTUS FORSK. (CZ
J Paulovova S Paulov
Biologia (bratislava) 22(1):58-63
1967 442.8 B5265
Absorption, Culex pipiens molestus, Culicidae, Glucose compounds, Insect biochemistry, Insect metabolism.

13664-69
STOMOXYS CALCITRANS (L.) BREEDING ALONG TVA RESERVOIR SHORELINES.
E Pickard
Mosquito News 28(4):644-646
Dec 1968 421 M85
Habitats, Insect outbreaks, Stomoxys calcitrans.

13665-69
PHEROMONE RESPONSE IN PINE BARK BEETLES: INFLUENCE OF HOST VOLATILES.
G B Pitman
Science 166(3907):905-906
14 Nov 1969 470 SC12
Dendroctonus, Insect biochemistry, Insect physiology, Pheromones, Pinus, Volatile substances.

13666-69
FREE AMINO ACIDS AND DERIVATIVES IN EGGS OF TENEBRIO MOLITOR DURING DEVELOPMENT.
D S Po-Chedley
N Y Entomol Soc J 77(2):80-84 REF
Jun 1969 420 N48J
Amino acids, Chemical analysis, Chromatography, Insect biochemistry, Insect eggs, Insect physiology, Tenebrio molitor.

13667-69
ON VISUAL ORIENTATION OF THE HOUSE FLY (MUSCA DOMESTICA) TO COLOURS.
J Pospisil
Acta Ent Bohemoslov 59(1):1-8 REF
1962 420 C33
Color, Insect behavior, Insect biology, Musca domestica, Vision. Czech summary.

13668-69
CONTRIBUTIONS TO THE MORPHOLOGICAL AND BIOLOGICAL STUDY OF APHOMIA SOCIELLA L. (LEPIDOPTERA, HETERONEURA, PYRALIDOIDEA, PYRALIDIDAE), A PARASITE OF BEEHIVES (HYMENOPTERA, APOIDEA, BOMBUS LATR.). (FR)
A Pouvreau
Insectes Sociaux 14(1):57-72 REF
Mar 1967 421 IN79
Aphomia sociella, Apidae, Beehives, Beeswax, Biology, Bombus, Honeycombs, Insect biology, Insect morphology, Parasitic insects, Pyralidae, Social insects. English summary

13669-69
MYCOTOXINS OF ENTOMOPHTHORACEOUS FUNGI.
S Prasertphon Y Tanada
Hilgardia 39(21):581-600 REF
Jul 1969 100 C12H
Chemical analysis, Entomogenous fungi, Entomophthora, Galleria mellonella, Heliothis zea, Hyalophora cecropia, Insect physiology, Larvae, Bombyx mori, Toxins.

13670-69
EVALUATION OF SOME ABIOTIC FACTORS INFLUENCING CAPTURES OF THE CODLING MOTHS BY BLACK-LIGHT TRAPS. (RUS)
V P Pristavko
Zool Zh 48(8):1177-1184 REF
Aug 1969 410 R92
Atmosphere, Barometric pressure, Carpoglyphus lactis, Humidity, Ionizing radiation, Light traps, Temperature, Ultraviolet rays, Wind.

13671-69
THE UTILIZATION OF GLYCINE FOR PROTEIN SYTHESIS IN TH SILK GLAND BY FIFTH-STAGE BOMBYX MORI LARVAE. (FR)
J C Prudhomme G Chavancy
J Insect Physiol 15(10):1897-1905 REF
Oct 1969 421 J825
Glands (insects), Glycine, Insect biochemistry, Larvae, Proteins, Bombyx mori, Synthesis. English abstract.

13672-69
SOME OBSERVATIONS ON HOPLOCAMPA CRATAEGI KLUG (HYM., TENTHREDINIDAE). (POL)
S Pruszynski P Wojnarowska
Pol Pismo Entomol 38(1):189-204
1968 421 P76
Chemical control (insects), Climate, Crataegus, Hoplocampa, Insect morphology, Insect physiology, Insecticides, Metamorphosis, Tenthredinidae. English summary

13673-69
OVIPOSITION BY PIERIS RAPAE L. IN THE INSECTARY.
M Rahman
Pakistan J Sci 0(5-6,SEP-NOV):278-280
Nov 1968 475 P172
Insect behavior, Insect eggs, Insect physiology, Oviposition, Pieris rapae.

13674-69
EXPERIMENTAL STUDIES ON HYBRIDIZATION AND SEXUAL ISOLATION BETWEEN SOME APHYTIS SPECIES (HYMENOPTERA: APHELINIDAE). I. EXPERIMENTAL HYBRIDIZATION AND AN INTERPRETATION OF EVOLUTIONARY RELATIONSHIPS AMONG THE SPECIES.
S V Rao P DeBach
Hilgardia 39(19):515-553 REF
Jun 1969 100 C12H
Aphytis, Hymenoptera, Insect behavior, Insect evolution, Insect rearing, Parasitic insects. Senior author is now Mrs. Sudha Nagarkatti.

13675-69
EXPERIMENTAL STUDIES ON HYBRIDIZATION AND SEXUAL ISOLATION BETWEEN SOME APHYTIS SPECIES (HYMENOPTERA: APHELINIDAE). II. EXPERIMENTS ON SEXUAL ISOLATION.
S V Rao P DeBach
Hilgardia 39(19):555-567 REF
Jun 1969 100 C12H
Aphytis, Insect behavior, Insect rearing, Parasitic insects, Sex. Senior author is now Mrs. Sudha Nagarkatti.

13676-69
THE ACID GLAND OF NASONIA VITRIPENNIS (WALKER) (PTEROMALIDAE: HYMENOPTERA).
N A Ratcliffe P E King
Entomologist (london) 101(1259):95-96
Apr 1968 421 EN8
Acids, Diptera, Electrophoresis, Glands (insects), Hymenoptera, Insect biochemistry, Insect physiology, Nasonia vitripennis, Pteromalidae, Pupae.

13677-69
A HISTORY OF GRASSHOPPER ABUNDANCE SURVEYS AND FORECASTS OF OUTBREAKS IN SASKATCHEWAN.
P W Riegert
Entomol Soc Can Mem 52,99,MAP,REF
1968 420 EN824
Grasshoppers, Insect collecting equipment, Insect eggs, Insect outbreak forecasting, Insect outbreaks, Population, Surveys, Zoogeography.

13678-69
PHYTO-ECOLOGICAL BASIS OF MOSQUITO CONTROL: CARTOGRAPHY OF LARVAL BIOTYPES.
J A Rioux H Croset J J Corre P Simonneau G Gras
Mosquito News 28(4):572-582 MAP REF
Dec 1968 421 M85
Culicidae, Food habits, Habitats, Insect ecology, Larvae, Plants.

13679-69
POSSIBLE FACTOR RESPONSIBLE FOR THE SPECIFIC GROWTH OF XYLARIA NIGRIPES IN THE FUNGUS GARDENS OF THE MOUNDS OF THE TERMITE, ODONTOTERMES REDEMANNI.
A Sannasi
Entomol Exp Appl 12(2):183-190 REF
1969 421 EN895
Antibiotics, Insect behavior, Octanoic acid, Odontotermes redemanni, Termites, Xylariaceae.

13680-69
BEHAVIORAL ADAPTATIONS OF CRYPTIC MOTHS. V. PRELIMINARY STUDIES ON AN ANTHOPHILOUS SPECIES, SCHINIA FLORIDA (NOCTUIDAE).
T D Sargent
N Y Entomol Soc J 77(2):123-128
Jun 1969 420 N48J
Insect behavior, Insect ecology, Noctuidae, Olfactory response.

13681-69
BEHAVIORAL ADAPTATIONS OF CRYPTIC MOTHS. II. EXPERIMENTAL STUDIES ON BARK-LIKE SPECIES.
T D Sargent
N Y Entomol Soc J 77(2):75-79
Jun 1969 420 N48J
Geometridae, Insect behavior, Insect protective devices, Mimicry, Noctuidae.

13682-69
SURFACE STERILIZATION AND DISSECTION OF TERMITES AS RELATED TO THEIR ENTERIC MICROFLORA STUDY. (RUS)
Sh I Satdykov
Akad Nauk Ssr Izv Ser Biol (4,JUL-AUG):612-615 REF
Aug 1967 511 SA2B
Bacterial diseases (insects), Formaldehyde, Iodine, Sterilization, Termites. English abstract.

13683-69
THE FINE STRUCTURE OF MOSQUITO MIDGUT MUSCLE.
C W Schaffer J P Vanderberg J Rhodin
J Cell Biol 34(3):905-911 REF
Sep 1967 442.8 J828
Anopheles quadrimaculatus, Cytology, Electron microscopy, Gastrointestinal system, Muscles.

13684-69
STUDIES ON THE GUT CONTENTS OF A SUCTORIAL COLLEMBOLAN FRIESEA MIRABILIS (TULLBERG) (INSECTA).
S B Singh
Entomologist (london) 102(1275):180-184 REF
Aug 1969 421 EN8
Bacteria, Collembola, Fungi, Insect vectors, Spores, Yeasts.

13685-69
EXPERIMENTS ON THE EFFECTS OF RADIATION ON ANTS.
S H Skaife
Australian Natur Hist 16(1):27-28
Mar 1968 475 AU7
Crematogaster peringueyi, Formicidae, Iridomyrmex humilis, Radiation, X-rays.

13686-69
FREE AMINO ACID COMPOSITION OF THE AGEING FEMALE MOSQUITO AEDES AEGYPTI AS DETERMINED BY AUTOMATIC ION-EXCHANGE CHROMATOGRAPHY.
J D Stidham J N Liles
J Insect Physiol 15(10):1969-1980 REF
Oct 1969 421 J825
Aedes aegypti, Aging, Amino acids, Chromatography, Insect biochemistry.

13687-69
COMPETITION AND OTHER FACTORS INFLUENCING THE POPULATION DYNAMICS OF APHIS GOSSYPII AND MACROSIPHONIELLA SANBORNI ON GREENHOUSE CHRYSANTHEMUMS.
G Tamaki W W Allen
Hilgardia 39(17):447-505 REF
Feb 1969 100 C12H
Aphis gossypii, Chrysanthemum, Competition, Insect biology, Macrosiphoniella sanborni, Population.

13688-69
THE TRANSFORMATION OF THE PLASMODIUM GALLINACEUM OOCYST IN AEDES AEGYPTI MOSQUITOES.
J A Terzakis H Sprinz R A Ward
J Cell Biol 34(1):311-326 REF
Jul 1967 442.8 J828
Aedes aegypti, Blood parasites, Cytology, Physiology, Plasmodium gallinaceum.

13689-69
LABORATORY STUDIES ON THE BIOLOGY OF ANOPHELES STEPHENSI LISTON.
E G Thompson L H Bell
Mosquito News 28(4):639-642
Dec 1968 421 M85
Anopheles stephensi, Insect behavior, Insect biology, Insect nutrition, Insect rearing.

13690-69
A NOTE ON FOG APPLICATION.
G A Thompson
Mosquito News 28(4):643
Dec 1968 421 M85
Cattle, Chemical control (insects), Culicidae, Fog, Insecticide application, Methodology.

13691-69
FOOD CONSUMPTION OF THE ARMORED SCALE LADY-BEETLE CHILOCORUS BIPUSTULATUS (COCCINELLIDAE).
U Tinon
Entomol Exp Appl 12(2):140-146 REF
1969 421 EN895
Coccinellidae, Coccoidea, Food consumption, Food habits.

13692-69
A SUCTION APPARATUS FOR COLLECTING MOSQUITOES AND OTHER INSECTS.
M Trpis
Mosquito News 28(4):647-648
Dec 1968 421 M85
Culicidae, Insect collecting equipment, Methodology.

13693-69
EMERGENCE PERIODS AND POPULATION FLUCTUATIONS OF THE FRIT FLY OSCINELLA FRIT L. (DIPT.: CHLOROPIDAE) IN NORWAY.
R Trygve
Norsk Entomol Tidsskr 14(1):12-23 REF
1967 421 N812
Diptera, Insect behavior, Insect morphology, Insect physiology, Oscinella frit, Population, Time, Zoogeography.

13694-69
WAVE-MAKING BY WHIRLIGIG BEETLES (GYRINIDAE).
V A Tucker
Science 166(3907):897-899 REF
14 Nov 1969 470 SCI2
Aquatic insects, Gyrinidae, Insect behavior, Physics, Water.

13695-69
WAVE-MAKING BY WHIRLIGIG BEETLES (GYRINDAE).
V A Tucker
Science 166(3907):897-899 REF
14 Nov 1969 470 SCI2
Gyrinidae, Insect behavior, Insect physiology.

13696-69
STUDIES ON FACTORS AFFECTING POPULATION DENSITY AND PHASE OF DESERT LOCUST IN INDIA.
B K Varma T R Sharma
Plant Protect Bull 18(1):9-24,MAP
1966 421 P69
Insect pests, Population, Schistocerca gregaria, Statistical distributions, Zoogeography.

13697-69
A NOTE ON THE TREE LOCUST IN THE RAJASTHAN DESERT.
M V Venkatesh M R Bhatia
Plant Protect Bull 18(2):27
1966 421 P69
Acrididae, Anacridium, Deserts, Insect anatomy, Insect biology, Insect ecology, Zoogeography.

13698-69
MANNER OF ACTION OF ASPERGILLUS PARASITES IN INSECT WOUNDS. (FR
A Vey C Vago P Delanoue
Rev Mycol 32(4):300-305 REF
1967 450 AN74
Aspergillus, Ceratitis capitata, Insect diseases, Insect morphology, Mycosis, Pupae, Toxicology. English summary

13699-69
ACOUSTIC SYNCHRONYI TWO MECHANISMS IN THE SNOWY TREE CRICKET.
T J Walker
Science 166(3907):891-894 REF
14 Nov 1969 470 SCI2
Insect behavior, Insect physiology, Oecanthus niveus, Stridulation.

13700-69
ACOUSTIC SYNCHRONY: TWO MECHANISMS IN THE SNOWY TREE CRICKET.
T J Walker
Science 166(3907):891-894 REF
14 Nov 1969 470 SCI2
Insect behavior, Oecanthus, Reproduction, Sound waves, Spectroscopy, Spermatophores.

13701-69
WATER MOVEMENT IN TWO TERMITE MOUNDS IN RHODESIA.
J P Watson
J Ecol 57(2):441-451
Jul 1969 450 J829
Calcium carbonate, Habitats, Insect nests, Radioactivity, Soil properties, Termites, Water.

13702-69
LABORATORY INVESTIGATIONS ON THE EFFECT OF APHICIDES AVAILABLE IN POLAND ON THE MOST IMPORTANT NATURAL ENEMIES OF APHIDS.
S K Wiackowski K Dronka
Pol Pismo Entomol 38(1):159-173 REF
1968 421 P76
Aphididae, Biological control (insects), Chemical control (insects), Coccinellidae, Ethylthio)ethyl O,O-dimethyl phosphorodithioate, S-(2-, Formothion, Hymenoptera, Insecticides, Malathion, Methyl demeton, Organophosphorus compounds, Parasitic insects, Pest control, Spraying, Syrphidae. Polish summary

13703-69
CAROTENOIDS AND BILE PIGMENTS OF CARAUSIUS MOROSUS AND THEIR PARTICIPATION IN THE BEGINNING OF COLOR CHANGES. (GE
A Willig
J Insect Physiol 15(10):1907-1927 REF
Oct 1969 421 J825
Bile, Carausius morosus, Carotenoids, Chromatography, Insect biochemistry. English abstracts.

13704-69
A LABORATORY STUDY OF LARVAL COMPETITION BETWEEN AEDES AEGYPTI (L.) AND AEDES TRISERIATUS (SAY).
D P Wilton
Mosquito News 28(4):627-630
Dec 1968 421 M85
Aedes aegypti, Aedes triseriatus, Insect ecology, Insect rearing, Larvae.

13705-69
NEW SPECIES AND RECORDS OF GALAPAGOS DIPTERA.
W W Wirth
Calif Acad Sci Proc 36(20):571-594
07 May 1969 500 C12P
Diptera, Insect taxonomy.

13706-69
SELECTION FOR LARVAL GROWTH IN TRIBOLIUM UNDER TWO LEVELS OF NUTRITION.
Y Yamada A E Bell
Genet Res 13(2):175-195 REF
Apr 1969 443.8 G283
Environment, Insect genetics, Insect nutrition, Insect physiology, Larvae, Population, Tenebrionidae, Tribolium castaneum.

13707-69
PURIFICATION OF THE PROTEINIC BRAIN HORMONE OF THE SILKWORM, BOMBYX MORI.
M Yamazaki M Kobayashi
J Insect Physiol 15(10):1981-1990 REF
Oct 1969 421 J825
Brain, Chromatography, Hormones, Insect biochemistry, Proteins, Bombyx mori.

13708-69
BIOASSAY OF THE RESPONSE OF TRIBOLIUM CASTANEUM TO REPELLENT SUBSTANCE EXCRETED BY TROGODERMA GRANARIUM.
U Yinon A Shulov
Entomol Exp Appl 12(2):191-205 REF
1969 421 EN895
Insect behavior, Insect repellents, Pheromone, Tribolium castaneum, Trogoderma granarium.

13709-69
THE ELECTRORETINOGRAM OF SCORPION EYES.
U Yinon
Compar Biochem Physiol 30(5):989-992 REF
01 Sep 1969 444.8 C73
Eyes, Insect physiology, Nervous system, Scorpionida.

GENETICS

13710-69
FURTHER EVIDENCE FOR COADAPTATION IN CROSSES BETWEEN GEOGRAPHIC POPULATIONS OF DROSOPHILA PSEUDOOBSCURA.
W W Anderson
Genet Res 12(3):317-330 REF
Dec 1968 443.8 G283
Drosophila pseudoobscura, Genes, Insect adaptation, Insect genetics, Population, Wings (insects), Zoogeography.

13711-69
PATTERNS OF PUFFING ACTIVITY IN THE SALIVARY GLAND CHROMOSOMES OF DROSOPHILA. I. AUTOSOMAL PUFFING PATTERNS IN A LABORATORY STOCK OF DROSOPHILA MELANOGASTER.
M Ashburner
Chromosoma 21(4):398-428 REF
06 Jun 1967 442.8 C46
Biological laboratories, Chromosomes, Drosophila melanogaster, Insect genetics, Laboratory animals, Salivary glands (insects).

13712-69
LONG-TERM CHANGES IN CHROMOSOMALLY POLYMORPHIC LABORATORY STOCKS OF DROSOPHILA PAVANI.
D Brncic
Evolution 23(3):502-508 REF
Sep 1969 443.8 EV62
Chromosomes, Cytogenetics, Drosophila, Insect genetics.

13713-69
MICROEVOLUTION WITHIN THREE SPECIES OF HAWAIIAN DROSOPHILA.
H L Carson J E Sato
Evolution 23(3):493-501 MAP REF
Sep 1969 443.8 EV62
Drosophila, Insect evolution.

13714-69
SELECTION FOR AND AGAINST GREGARIOUSNESS IN THE CHOICE OF OVIPOSITION SITES BY DROSOPHILA PSEUDOOBSCURA.
E Del Solar
Genetics 58(2):275-282 REF
Feb 1968 442.8 G28
Drosophila pseudoobscura, Genes, Insect genetics, Insect rearing, Oviposition.

13715-69
TRANSITIONAL POPULATIONS OF DROSOPHILA PAULISTORUM.
T Dobzhansky O Pavlovsky L Ehrman
Evolution 23(3):482-492 MAP REF
Sep 1969 443.8 EV62
Drosophila paulistorum, Insect evolution, Insect genetics, Population.

13716-69
DIFFERENTIAL VARIATION OF MALES AND FEMALES IN POLISTES EXCLAMANS.
K R Eickwort
Evolution 23(3):391-405 REF
Sep 1969 443.8 EV62
Insect evolution, Insect genetics, Polistes.

13717-69
THE EFFECTS OF POPULATION SIZE AND SELECTION INTENSITY IN SELECTION FOR A QUANTITATIVE CHARACTER IN DROSPHILA. I. SHORT-TERM RESPONSE TO SELECTION.
R Frankham L P Jones J S F Barker
Genet Res 12(3):237-248 REF
Dec 1968 443.8 G283
Drosophila melanogaster, Insect cultures, Insect genetics, Population.

13718-69
PRINCIPAL TRENDS OF PHYLOGENETIC CHANGES IN TERRESTRIAL ARTHROPODS. (RUS)
M S Ghilarov
Akad Nauk Sssr Izv Ser Biol (5,SEP-OCT):730-741 REF
1967 511 SA2B
Animal evolution, Arthropoda, Insects.

13719-69
KARYOTYPES AND SEX DETERMINATION IN SPIDER MITES (TETRANYCHIDAE).
W Helle H R Bolland
Genetica 38(1):43-53
31 Jan 1967 442.8 G282
Chromosomes, Insect genetics, Mitosis, Parthenogenesis, Reproduction, Sex determination, Tetranychidae.

13720-69
MORPHOLOGICAL VARIABILITY OF THE CHROMOSOMAL FUNCTIONAL STRUCTURE IN THE SPERMATOCYTE NUCLEUS OF DROSOPHILA SPECIES. (GE)
O Hess
Chromosoma 21(4):429-445 REF
06 Jun 1967 442.8 C46
Chromosomes, Drosophila, Insect genetics, Insect morphology, Proteins, Spermatocytes. English summary

13721-69
THE GENETICS OF THE XASTA MUTANT OF DROSOPHILA MELANOGASTER.
C M Hetherington W J Whittington M A Hossain W E Peat
Genet Res 12(3):285-294 REF
Dec 1968 443.8 G283
Chromosomes, Drosophila melanogaster, Insect genetics, Insect rearing, Mutation.

13722-69
COMPARATIVE STUDIES OF MUTATION FREQUENCIES INDUCED BY 32P TREATMENT AND GAMMA-IRRADIATION IN THE SILKWORM. (JA)
M Ikenga
Gamma Field Symp 5:1-12 REF
1966 442.9 H79
Bombyx mori, Gamma rays, Irradiation, Isotopes, Mutation, Phosphorus. Japanese summary

13723-69
ANTINOMYCIN D INDUCED CHROMOSOME BREAKAGE AND SUPPRESSION OF MEIOSIS IN THE LOCUST, SCHISTOCERCA GREGARIA.
H K Jain
Chromosoma 21(4):463-471 REF
06 Jun 1967 442.8 C46
Actinomycin d, Chromosomes, Insect genetics, Meiosis, Schistocerca gregaria, Spermatocytes.

13724-69
THE EFFECTS OF POPULATION SIZE AND SELECTION INTENSITY IN SELECTION FOR A QUANTITATIVE CHARACTER IN DROSPHILA. II. LONG-TERM RESPONSE TO SELECTION.
L P Jones R Frankham J S F Barker
Genet Res 12(3):249-266 REF
Dec 1968 443.8 G283
Drosophila melanogaster, Insect cultures, Insect genetics, Population.

13725-69
LAMPBRUSH CHROMOSOMES AND MULTIPLE NUCLEI IN ORTHOPTERA. (GE
W Kunz
Chromosoma 21(4):446-462
06 Jun 1967 442.8 C46
Cell nucleus, Chromosomes, Deoxyribonucleic acid, Grasshoppers, Gryllus domesticus, Insect genetics, Locusta migratoria, Orthoptera. English summary

13726-69
THE POLYTENE CHROMOSOMES OF THE BRISTLE-FORMING CELLS OF CALLIPHORA ERYTHROCEPHALA, WITH SPECIAL REGARD FOR THE SEX-LINKED HETEROZYGOTE STRUCTURE OF THE PUFF TYPES DURING METAMORPHOSIS. (GE)
D Ribbert
Chromosoma 21(3):296-344 REF
12 May 1967 442.8 C46
Calliphora vicina, Chromosomes, Cytology, Insect genetics, Metamorphosis. English summary

13727-69
DROSOPHILA SALIVARY GLANDS IN VITRO.
N Tulchin G M Mateyko M J Kopac
J Cell Biol 34(3):891-897 REF
Sep 1967 442.8 J828
Chromosomes, Cytology, Drosophila melanogaster, Glands (insects), Insect genetics, Salivary glands.

13728-69
PROGENY: SPERM RATIOS AND NON-FUNCTIONAL SPERM IN DROSOPHILA MELANOGASTER.
S Zimmering G L Fowler
Genet Res 12(3):359-363 REF
Dec 1968 443.8 G283
Drosophila melanogaster, Insect genetics, Insect rearing, Reproduction, Spermatozoa.

MEDICAL ENTOMOLOGY

13729-69
TESTS OF LARVICIDES FOR CONTROL OF SALT-MARSH SAND FLIES (CULICOIDES), 1967.
B W Clements A J Rogers
Mosquito News 28(4):529-534
Dec 1968 421 M85
Biological assay, Chemical control (insects), Coal tar, Culicoides, Insect control, Larvicides.

13730-69
THE POTENTIAL ROLE OF FISHERY MANAGEMENT IN THE REDUCTION OF CHAOBRID MIDGE POPULATIONS AND WATER QUALITY ENHANCEMENT.
S F Cook
Calif Vector Views 15(7):63-70
Jul 1968 449.8 C12
Aquatic insects, Biological control (insects), Cecidomyiidae, Chaoborus astictopus, Fish, Fisheries, Plankton, Population, Water analysis.

13731-69
MOSQUITO CONTROL AND SURVEY IN JEFFERSON COUNTY KENTUCKY.

C V Covell
Mosquito News 28(4):526-529
Dec 1968 421 M85
Chemical control (insects), Chlorinated hydrocarbons, Culicidae, DDT, Insecticides, Surveys.

13732-69
EVALUATION OF SMOKE FROM INSECTICIDAL COILS AGAINST MOSQUITOS.
J H Fales G D Mills C G Durbin
Mosquito News 28(4):547-553
Dec 1968 421 M85
Culicidae, Insect control, Insecticides, Pyrethrum, Smoke.

13733-69
SOME RECENT DEVELOPMENTS AND TRENDS IN VECTOR CONTROL ASPECTS OF MALARIA ERADICATION.
R E Fontaine
Mosquito News 28(4):491-495 REF
Dec 1968 421 M85
Anopheles, Anopheles albimanus, Chemical control (insects), Chlorinated hydrocarbons, DDT, Insect control, Insect vectors, Insecticides, Malaria.

13734-69
EXPERIENCES WITH AERIAL DUSTING IN THE KERN MOSQUITO ABATEMENT DISTRICT--1967.
A F Geib R H De Witt
Mosquito News 28(4):524-525
Dec 1968 421 M85
Aerial spraying, Aircraft, Chemical control (insects), Culicidae, Fenthion, Insect control, Insecticides, Malathion, Methyl parathion, Organophosphorus compounds, Spraying.

13735-69
MOSQUITO CONTROL ON SMITH MOUNTAIN RESERVOIR BY PUMPED STORAGE WATER LEVEL MANAGEMENT.
W J Gladney E C Turner
Mosquito News 28(4):606-618 REF
Dec 1968 421 M85
Culicidae, Insect control, Insect ecology, Population, Reservoirs.

13736-69
AERIAL INSECTICIDAL SPRAYS AGAINST RESISTANT SALT-MARSH MOSQUITOES AEDES TAENIORHYNCHUS (WIEDEMANN) AND AEDES SOLLICITANS (WALKER).
B M Glancey C S Lofgren G A Mount
Mosquito News 28(4):593-595
Dec 1968 421 M85
Aedes sollicitans, Aedes taeniorhynchus, Aerial spraying, Chemical control (insects), Dimethoate, Fenthion, Insect control, Insecticide resistant insects, Malathion, Naled, Organophosphorus compounds.

13737-69
AN IMPROVED MECHANICAL METHOD OF ASPIRATING INSECTS.
R Husbands J Holten
Calif Vector Views 14(12):78-80
Dec 1967 449.8 C12
Culicidae, Cultural control (insects), Insect collecting equipment, Insect vectors, Methodology, Respirators, Suction traps.

13738-69
A SUBSURFACE LIGHT TRAP FOR SAMPLING AQUATIC INSECT POPULATIONS.
R Husbands
Calif Vector Views 14(12):81-82
Dec 1967 449.8 C12
Aquatic insects, Culicidae, Insect collecting equipment, Insect traps, Light traps, Population.

13739-69
AERIAL APPLICATION OF A CHEMICAL FOG FOR THE CONTROL OF MOSQUITO LARVAE AND ADULTS.
F W Knapp
Mosquito News 28(4):516-524
Dec 1968 421 M85
Aerial spraying, Aircraft, Carbamates, Chemical control (insects), Culicidae, Fenthion, Insect control, Insecticides, Isopropoxyphenyl methylcarbamate, o-, Larvae, Methodology, Organophosphorus compounds, Spraying.

13740-69
STERILE MALES FOR MOSQUITO CONTROL: A FIELD CAGE STUDY WITH CULEX PIPIENS QUINQUEFASCIATUS.
R S Patterson C S Lofgren M D Boston
Mosquito News 28(4):540-544 REF
Dec 1968 421 M85
Biological control (insects), Culex pipiens, Sterilization, Surveys.

13741-69
A BAIT STATION SYSTEM FOR CONTROLLING THE GROUND NESTING YELLOWJACKET VESPULA PENSYLVANICA (SAUSSURE).
J C Ruddock D L Rohe
Calif Vector Views 15(1):3-6
Jan 1968 449.8 C12
Baits, Chemical control (insects), Chlordane, Insecticides, Vespula pensylvanica.

13742-69
MYXOMATOSIS: THE INTRODUCTION OF THE EUROPEAN RABBIT FLEA SPILOPSYLLUS CUNICULI (DALE) INTO AUSTRALIA.
W R Sobey W Menzies
Australian J Sci 31(11):404-406 REF
May 1969 475 AU72
Biological control (pests), Insect vectors, Medical entomology, Myxomatosis, Rabbits, Spilopsyllus cuniculi, Virus diseases (animals), Wildlife pests, Zoogeography.

13743-69
CONTROL OF MOSQUITO ADULTS AND LARVAE USING BAYTEX AND BAYGON IN A SIO2 CHEMICAL FOG.
R F Stroud L F Stevens
Mosquito News 28(4):569-571
Dec 1968 421 M85
Carbamates, Chemical control (insects), Culex restuans, Fenthion, Insect control, Insecticides, Isopropoxyphenyl methylcarbamate, o-, Larvae, Organophosphorus compounds, Spraying.

13744-69
TWO FORMULATIONS EFFECTIVE IN THE LABORATORY AS OVICIDES FOR AEDES AEGYPTI (L.).
D P Wilton R E Cline R W Fay
Mosquito News 28(4):602-606
Dec 1968 421 M85
Aedes aegypti, Chemical control (insects), Eggs, Insect control, Ovicides.

CROP PROTECTION

13745-69
NEWS: CROPS.
Anonymous
Farm J 93(5):27
May 1969 6 F2212C
Chemical control (weeds), Corn, Crop yields, Farm management, Feed, Herbicides, Planting, Soybeans.

13746-69
LIST OF OFFICIAL TESTS AND ACKNOWLEDGED CEREAL SEED TREATMENT AS WELL AS OFFICIAL TESTS AND ACKNOWLEDGED EQUIPMENT FOR TREATMENT. (GE)
Anonymous
Brunswick Biol Bundesanst Land-forstwirtsch Merkbl 2(19),4 P REF
Sep 1967 464.9 B833M
Dairy equipment, Grain, Seed treatment.

13747-69
PROTECTION OF APPLES AGAINST DISEASES AND PESTS, AND THE VALUE OF SOME PESTICIDES. (SE)
S Kokovic
Agrohemija 11-12:515-520
Nov 1967 385 AG87
Apples, Chemical control (plant diseases), Pesticides, Plant diseases, Plant pest control, Plant protection, Powdery mildew, Spraying, Tetrachloroethyl)thio)-4-cyclohexene-1,2-dicarboximide, cisN. English summary

13748-69
PEST AND DISEASE CONTROL IS MORE THAN SIMPLY PUTTING ON A SPRAY.
G S Lawes
New Zeal J Agr 119(2):114-115,117
Aug 1969 23 N48J
Crops, Methodology, Pest control, Pesticide application, Safety devices.

DISEASES

13749-69
ON CERTAIN PECULIARITIES OF THE PARASITISM OF THE TOBACCO BROOM RAPE. (RUS)
K Andreev M Lazarov
Rastenievud Nauk 5(6):13-20
1968 64.8 R18
Metabolism, Orobanche, Plant biochemistry, Weeds. French abstract.

13750-69
CONTROL OF LATE BLIGHT OF POTATO WITH MANEB IN NILGIRI HILLS.
M D Azariah
Indian Farming 19(3):42
Jun 1969 22 IN283
Chemical control (plant diseases), Fungus diseases (plants), Late blight, Maneb, Phytophthora infestans, Potatoes, Thiocarbamates.

13751-69
MERCURY TOLERANCE IN LEAF SPOT OF OATS.
A Bainbridge
Great Brit Min Agr Fish Food Agr 76(3):97-98
Mar 1969 10 G79J
Chemical control (plant diseases), Fungicide resistant fungi, Fungus diseases (plants), Leaf spot, Mercury compounds, Oats, Plant protection, Pyrenophora avenae, Seed-borne plant diseases, Seedling blight.

13752-69
ELECTROPHORETIC EXAMINATION OF THE ARABIS MOSAIC VIRUS AND THE YELLOW MOSAIC AND FANLEAF VIRUSES OF GRAPEVINES.
G G Belli
Riv Patol Veg (SER.4)2(3):151-158
Apr 1967 464.8 R52
Arabis, Electrophoresis, Fanleaf, Grapes, Mosaic, Virology, Virus diseases (plants), Yellow mosaic.

13753-69
RELATIONSHIPS BETWEEN BORON TOXICITY AND RESISTANCE TO TWO TYPES OF CROWN BLIGHT AND TO POWDERY MILDEW IN MUSKMELON.
G W Bohn G N Davis
Hilgardia 39(11):325-339 REF
Aug 1968 100 C12H
Boron, Crown blight (cantaloupes), Fungus diseases (plants), Muskmelons, Plant disease resistance, Plant injuries, Powdery mildew.

13754-69
THE PRESENCE OF CURVULARIA IN CORN IN THE VALLEY OF MEDELLIN. (SP)
J J Castano A
Agr Trop 25(6):330-331
Jun 1969 26 AG8

Corn, Curvularia, Fungus diseases (plants), Plant diseases, Surveys.

13755-69
TAR SPOT ON THE LEAF OF CORN. (SP)
J J Castano A
Agr Trop 25(6):332
Jun 1969 26 AG8
Corn, Fungus diseases (plants), Phyllachora maydis, Plant discases.

13756-69
CHANGES IN PHENOLIC METABOLISM OF SPRING-WHEAT INFECTED WITH STEM RUST.
V V Chigrin V Rozum
Soviet Plant Physiol 16(2,MAR-APR):269-273 REF
Apr 1969 450 F58AE
Fungus diseases (plants), Plant metabolism, Stem rust, Wheat. Russian journal Fiziologiya Rastenii, 16(2):330-335 Mar-Apr 1969.

13757-69
INFLUENCE OF MAIZE DWARF MOSAIC VIRUS AND TRACE LEVELS OF ATRAZINE ON WEIGHT AND FOLIAR ELEMENT ACCUMULATION BY TWO SINGLE CROSS MAIZE HYBRIDS IN THE GREENHOUSE.
H Cole D R Mac Kenzie C B Smith C D Ercegovich
Plant Dis Rep 53(8):652-655
Aug 1969 1.9 P69P
Atrazine, Corn, Crop varieties, Dwarf disease, Herbicides, Micronutrients, Mosaic, Plant biochemistry, Plant physiology, Plant regulators, Soil sanitation, Virus diseases (plants).

13758-69
A SURVEY OF VIRUSES IN CULTIVATED STRAWBERRIES IN OREGON AND WASHINGTON.
R H Converse
Plant Dis Rep 53(8):610-614, REF
Aug 1969 1.9 P69P
Strawberries, Virus diseases (plants).

13759-69
OCCURRENCE OF NECROTIC SHOCK VIRUS IN STRAWBERRIES IN THE PACIFIC NORTHWEST.
R H Converse
Plant Dis Rep 53(8):608-610
Aug 1969 1.9 P69P
Necrotic shock, Strawberries, Virus diseases (plants).

13760-69
DIFFERENTIATION OF PATHOTYPES AMONG ISOLATES OF XANTHOMONAS VESICATORIA.
A A Cook R E Stall
Plant Dis Rep 53(8):617-619
Aug 1969 1.9 P69P
Bacterial diseases (plants), Bush redpeppers (vegetable), Tobacco, Tomatoes, Xanthomonas vesicatoria.

13761-69
CYLINDROCARPON RADICICOLA FOUND ASSOCIATED WITH WILT OF AZALEA.
E A Cox W J Manning F J Campbell
Plant Dis Rep 53(8):620
Aug 1969 1.9 P69P
Azalea, Cylindrocarpon radicicola, Fungus diseases (plants), Wilt.

13762-69
MODERATE TOLERANCE OF BEAN VARIETIES TO BROWN SPOT BACTERIUM (PSEUDOMONAS SYRINGAE).
D P Coyne M L Schuster
Plant Dis Rep 53(8):677-680
Aug 1969 1.9 P69P
Bacterial diseases (plants), Beans, Brown spot, Crop varieties, Plant disease rcsistance, Pseudomonas syringae.

13763-69
EFFECT OF LEAF RUST INFECTION ON THE CONVERSION OF GLUCOSE-U-14C INTO AMINO ACIDS IN EXCISED LEAVES OF PONCA WHEAT.
D D Davis G W Todd
Bot Gaz 129(4):322-327 REF
Dec 1968 450 B652
Amino acids, Fungus diseases (plants), Glucose-U-C14, Leaf rust, Plant metabolism, Puccinia recondita, Synthesis, Wheat.

13764-69
PROTECTIVE SPRAYS INHIBIT SECONDARY SPREAD OF COMMON BACTERIAL BLIGHT IN SNAP BEANS.
L E Dickens N Oshima
Plant Dis Rep 53(8):647
Aug 1969 1.9 P69P
Agrimycin, Antibiotics, Bacterial blight, Beans, Chemical control (plant diseases), Copper sulfate, Cresol, m-, Spraying, Xanthomonas phaseoli, Xylenol, 2,4-.

13765-69
BREEDING FOR DISEASE RESISTANCE IN THE POTATO.
L J Dowley
Dublin Foras Taluntais Plant Sci Crop Husb 68-70
1967 103 D852
Fungus diseases (plants), Phytophthora infestans, Plant breeding, Plant disease resistance, Potatoes, Scab, Streptomyces scabies, Synchytrium endobioticum, Virus diseases (plants), Virus X, Virus Y, Wart (potatoes).

13766-69
STUDIES ON THE NECROSIS OF PEACH TREES.
M M El-Azzouni G R Stino E N Sawiris
Cairo Ain Shams Univ Fac Agr Bull 16(1):141-149 REF
1969 24 C122
Mosaic, Necrosis, Peaches, Plant diseases, Plant physiology, Roots, Virus diseases (plants).

13767-69
INFLUENCE OF FUNGICIDES AND INSECTICIDES ON THE OCCURRENCE OF ASPERGILLUS ON PEANUT SEEDLINGS. I. INVESTIGATIONS IN VITRO. (GE)
V M El-Khadem
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 75(2):86-93
Feb 1968 464.8 Z3
Aspergillus flavus, Aspergillus niger, Chemical control (plant diseases), Culture media, Fungicides, Fungus diseases (plants), Insecticides, Mercury compounds, Thiocarbamates, Thiram. English summary

13768-69
THE EFFECT OF FUMIGATION WITH HYDROGEN CYANIDE AND CARBON DISULPHIDE ON THE PHYSICAL PROPERTIES OF RICE SEEDS.
A K M El-Nahal F Y Refai T Fahmy
Cairo Ain Shams Univ Fac Agr Bull 16(2):387-403 REF
1969 24 C122
Carbon disulfidc, Fumigation, Hydrocyanic acid, Plant physiology, Rice, Seeds.

13769-69
PARSLEY SPOT IN U.A.R.
A A El-Shehedi
Cairo Ain Shams Univ Fac Agr Bull 16(1):239-245
1969 24 C122
Ccrcospora, Fungus diseases (plants), Leafspot, Parsley, Plant diseases, Plant physiology.

13770-69
EFFECT OF FUNGAL INFECTION IN TOMATO FRUITS ON SEED GERMINATION. II.--ALTERNARIA TENUIS.
A A El-Shehedi
Cairo Ain Shams Univ Fac Agr Bull 16(2):267-271
1969 24 C122
Alternaria tenuis, Fungus diseases (plants), Plant diseases, Plant physiology, Seed germination, Tomatoes.

13771-69
STUDIES ON POWDERY MILDEWS AFFECTING TWO UMBELLIFEROUS PLANTS.
A A El-Shehedi
Cairo Ain Shams Univ Fac Agr Bull 16(1):247-253
1969 24 C122
Carrots, Fungus diseases (plants), Oidium, Parsley, Plant diseases, Powdery mildew.

13772-69
EFFECT OF FUNGAL INFECTION TO TOMATO FRUITS ON SEED GERMINATION. I.--RHIZOPUS NIGRICANS.
A A El-Shehedi
Cairo Ain Shams Univ Fac Agr Bull 16(2):259-265
1969 24 C122
Fungus diseases (plants), Plant diseases, Plant physiology, Rhizopus nigricans, Seed germination, Tomatoes.

13773-69
VEINBANDING (POTATO VIRUS Y) ON TOBACCO IN EASTERN NORTH CAROLINA.
A S Elder T T Hebert G V Gooding
Plant Dis Rep 53(8):623-624
Aug 1969 1.9 P69P
Tobacco, Tomatoes, Vein banding, Virus diseases (plants), Virus Y, Weeds.

13774-69
EFFECT OF ROOT FUNGUS ON MINERAL NUTRITION OF THE PINE TREE. (RUS)
N 1 Fedorov S B Kochanovsky
Fiziol Rast 15(1):130-134 REF
Jan 1968 450 F58
Fungus diseases (plants), Mineralization (nutrients), Nutrient solutions (plants), Phosphorus, Pine needles, Pinus, Plant metabolism, Plant nutrition, Root rot. English summary

13775-69
PHYTOPHTHORA ROOT ROT OF ALFALFA IN THE UPPER MIDWEST.
F I Frosheiser
Plant Dis Rep 53(8):595-597, REF
Aug 1969 1.9 P69P
Alfalfa, Fungus diseases (plants), Phytophthora megasperma, Root rot.

13776-69
SOME VIRUSES AFFECTING TOMATOES AND PEPPERS IN ARGENTINA. (SP
O Gracia J M Feldman R E Pontis J Boninsegna
Rev Invest Agr Ser 5, Patol Veg 6(1):1-17 REF
1969 464.8 R322
Mosaic, Peppers, Tomatoes, Virus diseases (plants), Virus X, Virus Y. English abstract.

13777-69
BACTERIAL WILT IN MALAYA.
D A Griffiths W L Lim
Plant Dis Rep 53(8):597-600, REF
Aug 1969 1.9 P69P
Bacterial diseases (plants), Bacterial wilt, Peanuts, Pseudomonas solanacearum.

13778-69
DEVELOPMENT OF YOUNG PEAR TREES WITH DIFFERENT ROOTSTOCKS IN RELATION TO PSYLLA INFESTATION, PEAR DECLINE, AND LEAF CURL.
W H Griggs D D Jensen B T Iwakiri
Hilgardia 39(7):153-204 REF
May 1968 100 C12H
Cultural control (plant diseases), Insect vectors, Leaf curl, Pcars, Plant physiology, Psylla, Rootstocks, Virus diseases (plants).

I3779-69
COMPARATIVE STUDY ON REDUCING SUGARS AND SUCROSE CONTENTS OF TWO TYPES OF COTTON AND SOME OF THEIR SYNTHESIZED STRAINS CONTAINING SOME BLACKARM RESISTANCE GENES.
H M Hassan
Cairo Ain Shams Univ Fac Agr Bull 16(2):273-286
1969 24 C122
Cotton, Fungus diseases (plants), Genes, Plant biochemistry, Plant genetics, Sucrose, Xanthomonas malvacearum.

I3780-69
RAPID INTENSIFICATION AND UPWARD SPREAD OF DWARF MISTLETOE IN INOCULATED DIGGER PINES.
F G Hawksworth
Plant Dis Rep 53(8):615-617
Aug 1969 1.9 P69P
Arceuthobium occidentale, Parasitic plants, Pinus sabiniana.

I3781-69
VARIETAL DIFFERENCES IN OAT BLUE DWARF VIRUS RESISTANCE AND SYMPTOM EXPRESSION.
A S Heagle M B Moore
Plant Dis Rep 53(8):664-666
Aug 1969 1.9 P69P
Blue dwarf, Crop varieties, Insect vectors, Macrosteles fascifrons, Oats, Plant disease resistance, Plant disease transmission, Plant injuries, Virus diseases (plants).

I3782-69
PROPHYLACTIC TREATMENT FOR RAISING A PEST AND DISEASE FREE CROP OF 'PAN' VINEYARDS.
G M Hingorani U Vir
Plant Protect Bull 18(3):24-26
1966 421 P69
Entomology, Grape vineyards, Insect pests, Phytophthora parasitica, Piper betle, Plant diseases, Plant protection.

I3783-69
A TECHNIQUE FOR RAPID STANDARDIZATION OF CONIDIAL SUSPENSIONS OF CERATOCYSTIS ULMI.
W K Hock B R Roberts D E Wuertz
Plant Dis Rep 53(8):640-641
Aug 1969 1.9 P69P
Ceratocystis ulmi, Density, Light.

I3784-69
GRAPEVINE LEAFROLL VIRUS--HISTORY AND ANATOMIC EFFECTS.
L L Hoefert E M Gifford
Hilgardia 38(11):403-426 REF
Oct 1967 100 C12H
Environment, Grapes, History, Leaf roll, Plant histology, Plant nutrition, Plant physiology, Virology, Virus diseases (plants).

I3785-69
AN EARLY RECORD OF ERGOTISM IN CONNECTICUT.
J G Horsfall
Plant Dis Rep 53(8):615
Aug 1969 1.9 P69P
Ergotism, Human diseases.

I3786-69
PINUS SABINIANA AND PINUS MURICATA AS HOSTS FOR DIPLODIA PINEA IN CALIFORNIA.
R S Hunt
Plant Dis Rep 53(8):675-677, REF
Aug 1969 1.9 P69P
Arceuthobium campylopodum, Evaporation, Fungus diseases (plants), Macrophoma pinea, Pinus muricata, Pinus sabiniana, Plant ecology, Precipitation, Temperature.

I3787-69
SIGNIFICANT SPECIMENS OF ELSINOE AND SPHACELOMA TAKEN BY U. S. PLANT QUARANTINE INSPECTORS. II.
A E Jenkins A J Watson
Plant Dis Rep 53(8):672-675, REF
Aug 1969 1.9 P69P
Elsinoe, Fungus diseases (plants), Plant diseases, Plant quarantine, Sphaceloma.

I3788-69
BROWN ROT OF STONE FRUITS ON THE MURRUMBIDGE IRRIGATION AREAS. II. AETIOLOGY OF THE DISEASE IN TREVATT APRICOT TREES.
P F Kable
Australian J Agr Res 20(2):317-323 REF
Mar 1969 23 AU783
Apricots, Blossom blight, Brown rot, Fruit, Fungus diseases (plants), Monilinia fructicola, Peaches, Plant disease transmission.

I3789-69
BROWN ROT OF STONE FRUITS ON THE MURRUMBIDGE IRRIGATION AREAS. I. AETIOLOGY OF THE DISEASE IN CANNING PEACHES.
P F Kable
Australian J Agr Res 20(2):301-316 REF
Mar 1969 23 AU783
Brown rot, Carpophilus hemipterus, Fruit, Fungus diseases (plants), Grapholitha molesta, Larvae, Monilinia fructicola, Peaches, Plant injuries.

I3790-69
PHYSIOLOGICAL STUDIES ON PEAR CANKER DISEASE IN EGYPT AND ITS CONTROL.
M Kamel A A El-Adawy
Cairo Ain Shams Univ Fac Agr Bull 16(1):263-281 REF
1969 24 C122
Bordeaux mixture, Canker, Chemical control (plant diseases), Copper, Pears, Plant nutritional deficiencies, Plant physiology, Soil analysis, Sulfates.

I3791-69
THE EFFECT OF SOME VITAMINS UPON BOTRYTIS ALLII MUNN.
M Kamel
Cairo Ain Shams Univ Fac Agr Bull 16(1):283-291
1969 24 C122
Botrytis allii, Fungi, Plant physiology, Spore germination, Vitamins.

I3792-69
STUDIES ON BOTRYTIS ALLII MUNN.. THE CAUSE OF NECK ROT OF ONION BULBS IN U.A.R.. I.THE DISEASE AND THE CAUSAL ORGANISM.
M Kamel
Cairo Ain Shams Univ Fac Agr Bull 16(1):293-313 REF
1969 24 C122
Botrytis allii, Fungus diseases (plants), Light, Onions, Plant physiology, Spore germination, Temperature, Water.

I3793-69
STUDIES ON BOTRYTIS ALLII MUNN.. THE CAUSE OF NECK ROT OF ONION BULBS IN U.A.R.. II. CULTURAL CONDITIONS IN RELATION TO MYCELIAL GROWTH AND PECTINASE ACTIVITY.
M Kamel
Cairo Ain Shams Univ Fac Agr Bull 16(1):315-334 REF
1969 24 C122
Botrytis allii, Carbon, Fungus diseases (plants), Hydrogen-ion concentration, Nitrogen, Onions, Pectinase, Plant enzymes, Plant physiology.

I3794-69
BEAN YELLOW MOSAIC VIRUS IN BULGARIA. (GE)
J C Kovachevsky
Phytopathol Z 61(1):41-48
Jan 1968 464.8 P562
Beans, Plant diseases, Virus diseases (plants), Yellow mosaic.

I3795-69
ANALYSIS OF ANNUAL EPIDEMIC OF FUNGUS PARASITES. I. THE ATTACK CURVE AND ITS RELATIONSHIP TO SOME ENVIRONMENTAL FACTORS. (GE)
J Kranz
Phytopathol Z 61(1):59-86 REF
Jan 1968 464.8 P562
Environment, Fungi, Habitats, Parasites.

I3796-69
CONTROL OF THE BACTERIAL MAKD IN THE PLANE AND BANANA TREE CAUSED BY PSEUDOMONAS SOLANACEARUM. (SP)
J C Lozano T H D Thurston G E Galvez E
Agr Trop 25(6):315-324 REF
Jun 1969 26 AG8
Bacterial diseases (plants), Bananas, Pseudomonas solanacearum, Sanitation control (pests), Trees.

I3797-69
ATTEMPTS TO INDUCE FROST-RESISTANCE IN VINES BY LEAF SPRAY OF DRUGS. (SP)
R C Marlangeon
Phyton (vicente Lopez) 24(2):87-92
Nov 1967 450 P567
Drugs, Frost, Grapes, Leaves, Plant hardiness, Plant injuries, Plant protection.

I3798-69
EFFECTS OF SPACING ARRANGEMENT AND ANTHRACNOSE ON CASSIA OCCIDENTALIS L..
J H Massey G Sowell
Agron J 61(5,SEP-OCT):749-750
Oct 1969 4 AM34P
Anthracnose, Cassia occidentalis, Colletotrichum, Crop yields, Seed treatment, Seed-borne plant diseases.

I3799-69
GROUNDNUT POD DISEASES.
D McDonald
Rev Appl Mycol 48(9):465-474 REF
Sep 1969 405 R328
Fungus diseases (plants), Peanuts, Plant diseases, Seed-borne plant diseases, Soil microorganisms.

I3800-69
EVALUATION OF NINE FUNGICIDES IN CONTROLLING FLAG SMUT OF WHEAT.
P B Metcalfe J F Brown
Plant Dis Rep 53(8):631-633, REF
Aug 1969 1.9 P69P
Chemical control (plant diseases), Chlorinated hydrocarbons, Dusting, Flag smut, Fungicides, Fungus diseases (plants), Loose smut, Seed treatment, Soil sanitation, Urocystis agropyri.

I3801-69
THE TOXIC PRODUCTS OF FUNGI CAUSING MYCOTOXICOSIS. (POL)
C J Mirocha C M Christensen G M Nelson
Med Wet 24(3):129-134
Mar 1968 41.8 M463
Fungi, Fungus diseases (plants), Metabolism, Mycotoxicosis, Plant diseases, Toxins.

I3802-69
A BRIEF DESCRIPTIVE CATALOG OF THE PRINCIPLE DISEASES OF SUGARCANE, SACCHARUM OFFICINAM.
B I Molina
Fitofilo 59(21,JUL-SEP):39-48
Sep 1968 421 F55
Bacterial diseases (plants), Catalogs, Fungus diseases (plants), Plant diseases, Sugarcane.

I3803-69
LIST OF PLANT DISEASES IN MAURITIUS.
L Orieux S Felix
Commonwealth Mycol Inst Phytopathol Pap (7), 48P., REF

Jan 1968 464.9 C73
Bibliography, Plant diseases, Plant nematodes.

13804-69
REVIEW OF THE PLANT PATHOLOGY DEPARTMENT.
O S Peries
Rubber Res Inst Ceylon Quart J 43(PT 3-48SEP-DEC):89-109
1967 78.9 C33Q
Chemical control (plant diseases), Epidemiology, Fomes, Fungicides, Fungus diseases (plants), Gloeosporium, Oidium heveae, Phytophthora, Plant diseases, Rubber, Spraying equipment.

13805-69
YELLOW RUST OF WHEAT.
A G Prendergast
Dublin Foras Taluntais Plant Sci Crop Husb 90
1967 103 D852
Chemical control (plant diseases), Dithane, Fungicides, Fungus diseases (plants), Spraying, Wheat, Yellow rust.

13806-69
THE WORK OF A PLANT PATHOLOGIST.
I W Prentice
Great Brit Min Agr Fish Food Agr 76(1):1-4
Jan 1969 10 G79J
Agricultural regulation, Plant disease control, Plant diseases, Scientists.

13807-69
ON THE POSSIBLE CORRELATION BETWEEN THE FANLEAF VIRUS COMPLEX AND THE ENATION DISEASE OF GRAPEVINES.
E Refatti
Riv Patol Veg (SER.4)2(3):207-217 REF
Apr 1967 464.8 R52
Correlation, Environment, Fanleaf, Grapes, Injections, Plant grafting, Virus diseases (plants).

13808-69
INVESTIGATIONS ON THE INFLUENCE OF CROP ROTATION ON THE POPULATION DENSITY OF FREE-LIVING NEMATODES IN CONNECTION WITH POTATO CORKY RING-SPOT. II. OCCURRENCE OF THE VIRUS DISEASE. (GE)
V E Richter
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 75(2):65-72 REF
Feb 1968 464.8 Z3
Corky ringspot, Crop rotation, Plant nematodes, Population, Potatoes, Rattle disease, Tobaeeo, Virus diseases (plants). English summary

13809-69
MALE STERILITY CYTOPLASM CONDITIONING SUSCEPTIBILITY OF RESISTANT INBRED LINES OF MAIZE TO YELLOW LEAF BLIGHT CAUSED BY PHYLLOSTICTA ZEAE.
G L Scheifele R R Nelson C Koons
Plant Dis Rep 53(8):656-659
Aug 1969 1.9 P69P
Corn, Crop varieties, Cytoplasm, Fungus diseases (plants), Leaf spot, Phyllosticta zeae, Plant disease resistance, Plant reproduction, Sterility.

13810-69
GROWTH AND PRODUCTION OF AFLATOXINS BY ASPERGILLUS FLAVUS ON RED PEPPER (CAPSICUM FRUTESCENS L).
A F Schindler W V Eisenberg
Ass Offic Anal Chem J 51(4):911-912
Jul 1968 381 AS7
Aflatoxin, Aspergillus flavus, Bush redpeppers (vegetable), Culture media, Extracts, Fungus diseases (plants), Laboratories, Plant physiology.

13811-69
THE SIGNIFICANCE IN THE DIAGNOSIS OF VIRUS DISEASES OF THE LENGTH AND AFFINITY FOR DYES OF SIEVE TUBES IN HEALTHY AND VIRUS-INFECTED POTATO TUBERS. (GE)
G Schuster
Europe Potato J 11(4):235-248
Dec 1968 75.8 EU7
Crop varieties, Dycs, Leaf roll, Plant physiology, Potatoes, Sieve tubes, Tubers, Virus diseases (plants), Virus Y. English and French summaries.

13812-69
EFFECTIVENESS OF AN EXTENDED AGRIMYCIN-17 SPRAY SCHEDULE AGAINST FIREBLIGHT.
W H Shaffer R N Goodman
Plant Dis Rep 53(8):669-672
Aug 1969 1.9 P69P
Antibiotics, Apples, Bacterial diseases (plants), Biological assay, Chemieal control (plant diseases), Erwinia amylovora, Fire blight, Rainfall, Spraying, Streptomycin, Temperature.

13813-69
EFFECTS OF APHID-TRANSMITTED VIRUSES ON THE STRAWBERRY CULTIVARS NORTHWEST AND COLUMBIA.
C H Shanks P C Crandall
Plant Dis Rep 53(8):639-640
Aug 1969 1.9 P69P
Chaetosiphon fragaefolii, Chemical eontrol (inseets), Crop varieties, Crop yields, Insect veetors, Inseetieides, Organophosphorus compounds, Oxydemetonmethyl, Plant physiology, Strawberries, Virus diseases (plants).

13814-69
VIRUS DISEASES OF CEREALS.
J T Slykhuis
Rev Appl Mycol 46(8):401-429 REF
Aug 1967 450 R328
Biologieal transport, Dieotyledons, Grain, Myeology, Plant disease transmission, Seed-borne plant diseases, Soil-borne plant diseases, Virus diseases (plants).

13815-69
STEM PITTING OF YELLOW BUD MOSAIC VIRUS-INFECTED PEACHES.
S H Smith J A Traylor
Plant Dis Rep 53(8):666-667, REF
Aug 1969 1.9 P69P
Peaehes, Plant injuries, Stem pitting, Virus diseases (plants), Yellow bud mosaic.

13816-69
STUDIES ON THE BROWN-EYE-SPOT DISEASE (CERCOSPORA COFFEICOLA B. AND CKE) OF COFFEE (COFFEA ARABICA L.). IV. LONGEVITY AND VIABILITY STUDIES.
T S Spridhar S Subramanian
Riv Patol Veg (SER.4)2(3):147-149
Apr 1967 464.8 R52
Bidens pilosa, Castorbeans, Cercospora coffeicola, Chenopodium ambrosoides, Coffee, Fungus diseases (plants), Longevity, Mieroorganisms, Viability.

13817-69
STUDIES ON THE BROWN-EYE-SPOT DISEASE (CERCOSPORA COFFEICOLA B. AND CKE.) OF COFFEE (COFFEA ARABICA L.) III. MODE OF SURVIVAL OF THE PATHOGEN.
T S Sridhar S Subramanian
Riv Patol Veg (SER.4)2(3):141-146
Apr 1967 464.8 R52
Biochemistry, Cercospora coffeicola, Coffee, Fungus diseases (plants), Plant disease transmission, Soil-borne plant diseases, Weeds.

13818-69
STUDIES ON THE BROWN-EYE-SPOT DISEASE (CERCOSPORA COFFEICOLA B. AND CKE.) OF COFFEE (COFFEA ARABICA L.). II. EFFECT OF FOLIAR APPLICATION OF CHEMICALS ON DISEASE INCIDENCE.
S Subramanian T S Sridhar
Riv Patol Veg (SER.4)2(3):133-139 REF
Apr 1967 464.8 R52
Cereospora eoffeieola, Chemical control (plant diseases), Coffee, Culture mcdia, Foliar application, Fungus diseases (plants), Nueleie aeids, Plant disease rcsistance, Plant regulators, Seedlings, Spraying.

13819-69
STUDIES ON THE BROWN-EYE-SPOT DISEASE (CERCOSPORA COFFEICOLA B. AND cKE.) OF COFFEE (COFFEA ARABICA L.) I. EMANATION OF ETHYLENE FROM INFECTED LEAVES.
S Subramanian T S Sridhar
Riv Patol Veg (SER.4)2(3):127-132
Apr 1967 464.8 R52
Abscission, Cercospora eoffeieola, Coffee, Ethylene, Fungus diseases (plants), Leaves, Plant biochemistry, Research.

13820-69
THE INFLUENCE OF AN APPLICATION OF HERBICIDE ON ANTIBIOTIC-WORKING MICRO-ORGANISMS OF THE SOIL. (GE)
V A Teuteberg
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 75(2):72-86 REF
Feb 1968 464.8 Z3
Antibiotics, Apples, Baeillus mesentericus, Bacterial diseases (plants), Chemical control (plant diseases), Herbicides, Phytophthora eaetorum, Soil mieroorganisms. English summary

13821-69
KERNEL RED STREAK OF DENT CORN.
J B Tunac C M Nagel
Plant Dis Rep 53(8):660-662
Aug 1969 1.9 P69P
Aceria tulipae, Corn, Inseet vectors, Mites, Plant injuries, Streak mosaic, Virus diseases (plants).

13822-69
BUNCHY TOP DISEASE OF BANANAS IN THE CENTRAL HIGHLANDS OF SOUTH VIETNAM.
N G Vakili
Plant Dis Rep 53(8):634-638, MAP
Aug 1969 1.9 P69P
Bananas, Bunchy top, Canna, Inseet pests, Insect vectors, Virus diseases (plants).

13823-69
THE EFFECT OF SHORT HEAT TREATMENT ON THE SUSCEPTIBILITY OF POPLAR LEAVES TO RUST INFECTION. (GE)
D Wagenbreth
Phytopathol Z 61(1):87-97 REF
Jan 1968 464.8 P562
Cultural control (plant diseases), Fungus diseases (plants), Heat treatment, Leaves, Plant diseases, Populus, Rust, Uredinales.

13824-69
A NEW LEAF SPOT OF CHINESE CHESTNUT IN MISSISSIPPI.
T Van Der Zwet W W Kilby
Plant Dis Rep 53(8):621-622
Aug 1969 1.9 P69P
Castanea mollissima, Fungus diseases (plants), Leaf spot, Monochaetia kansensis.

ARTHROPODS

13825-69
NEW DOUBLE-DUTY INSECTICIDE.
Anonymous
Farm J 93(5):39
May 1969 6 F2212C
Alfalfa, Carbamates, Carbofuran, Chemical control (insects), Corn, Diabrotiea, Hypera postica, Inseet pests, Insceticides, Nematocides, Plant nematodes, Systemic insectieides.

13826-69
ON SOME ALTERATIONS IN THE COMPOSITION OF WHEAT GRAIN DAMAGED BY WHEAT BUGS (EURYGASTER AND AELIA). (RUS)
El Atanassova V Popova
Rastenievud Nauk 5(6):81-87
1968 64.8 R18

Aelia, Catalase, Insect pests, Lipids, Pentatomidae, Plant biochemistry, Proteins, Wheat. English abstract.

13827-69
DETERMINATION OF THRIPS IN CROPS IN THE CENTRO-CHAQUENA AREA WITH SPECIAL REFERENCE TO COTTON. (SP)
J M Barral M V De Stacul
Rev Invest Agr Ser 5, Patol Veg 6(4):83-94 REF
1969 464.8 R322
Cotton, Insect identification, Thripidae. English abstract.

13828-69
FOOD PLANTS, BIONOMICS AND CONTROL OF FLEA BEETLES.
H N Batra
Indian Farming 19(3):38-40
Jun 1969 22 IN283
Benzene hexachloride, Bionomics, Chemical control (insects), Chlorinated hydrocarbons, Chrysomelidae, DDT, Insecticides, Surveys, Vegetables.

13829-69
OEDALEUS SENEGALENSIS KRAUSS (ORTHOPTERA: ACRIDIDAE SUB FAMILY OEDIPODINAE) PLAGUE IN RAJASTHAN.
D R Bhatia P J S Ahluwalia
Plant Protect Bull 18(3):8-12
1966 421 P69
Acrididae, Grasses, Insect behavior, Insect outbreaks, Insect pests, Oedaleus senegalensis, Pastures, Pearlmillet, Tribulus.

13830-69
NATURAL ENEMIES OF THE DESERT LOCUST (SCHISTOCERCA GREGARIA).
D R Bhatia Charan Singh
Plant Protect Bull 18(2):14-17
1966 421 P69
Bacterial diseases (insects), Biological control (insects), Entomogenous fungi, Insect diseases, Insect pests, Nematodes, Plant protection, Schistocerca gregaria, Weather.

13831-69
CAMPAIGN AGAINST CITRUS PSYLLA IN KANGRA DISTRICT (HIMACHAL PRADESH).
G N Bhatia D D Srivastava
Plant Protect Bull 18(3):29
1966 421 P69
Chemical control (insects), Diaphorina citri, Insect pests, Insecticides, Mortality, Oranges, Orchidaceae, Plant protection, Psyllidae.

13832-69
SECTION II.--DISEASE CONTROL.
C N Clayton H R Garris G C Rock G T Weekman C F Smith Et Al
N C Pesticide Manual 00(00):64-107
1969 79.8 N81
Apples, Chemical control (pests), Chemical control (plant diseases), Fungicides, Insect pests, Insecticides, Plant diseases, Spraying, Surveys.

13833-69
PHOTOCHEMICAL OXIDANT INJURY AND BARK BEETLE (COLEOPTERA: SCOLYTIDAE) INFESTATION OF PONDEROSA PINE. II. EFFECT OF INJURY UPON PHYSICAL PROPERTIES OF OLEORESIN, MOISTURE CONTENT, AND PHLOEM THICKNESS.
F W Cobb D L Wood R W Stark P R Miller
Hilgardia 39(6):127-134
May 1968 100 C12H
Dendroctonus ponderosae, Oleoresins, Phloem, Pinus ponderosa, Plant biochemistry, Plant injuries, Plant physiology, Plant water relations.

13834-69
PHOTOCHEMICAL OXIDANT INJURY AND BARK BEETLE (COLEOPTERA: SCOLYTIDAE) INFESTATION OF PONDEROSA PINE. IV. THEORY ON THE RELATIONSHIPS BETWEEN OXIDANT INJURY AND BARK BEETLE INFESTATION.
F W Cobb D L Wood R W Stark J R Parmeter
Hilgardia 39(6):141-152 REF
May 1968 100 C12H
Air pollution, Dendroctonus ponderosae, Insect outbreaks, Ozone, Pinus ponderosa, Plant injuries.

13835-69
PROTECTION OF POLYTHENE RAIN-GUARDS FROM DAMAGE BY CRICKETS IN RUBBER PLANTATIONS IN SOUTH INDIA.
P De Jong D K Dutt K S Shetty
Planters Chron 63(4):52-53
15 Feb 1968 22 P693
Benzene hexachloride, Chemical control (insects), Chlordane, Chlorinated hydrocarbons, Gryllidae, Hevea brasiliensis, Insect pests, Insecticides, Plantations, Polyethylene.

13836-69
DDT-DEHYDROCHLORINASE--I. PURIFICATION AND CHARACTERIZATION.
M L Dinamarca I Saavedra E Valdes
Compar Biochem Physiol 31(2):269-282 REF
15 Oct 1969 444.8 C73
Chemical analysis, Chlorinated hydrocarbons, Chromatography, Dehydrochlorinase, DDT, Insecticides, Musca domestica.

13837-69
BIOECOLOGY OF SAISSETIA OLEAE BERNARD AND ITS BIOLOGICAL CONTROL. (SP)
M F Garcia
Rev Invest Agr Ser 5, Patol Veg 6(3):69-81 REF
1969 464.8 R322
Biological control (insects), Coleoptera, Hymenoptera, Parasitic insects, Predaceous insects, Saissetia oleae. English abstract.

13838-69
SECTION IV.--AGRICULTURAL ENGINEERING.
J W Glover
N C Pesticide Manual 00(00):148-160
1969 79.8 N81
Dusting equipment, Maintenance, Nozzles, Spraying equipment.

13839-69
NATURAL ENEMIES OF THE CAROB MOTH ECTOMYELOIS CERATONIAE (ZELLER).
S Gothilf
Entomophaga 14(2):195-202 REF
1969 421 EN835
Acarina, Ectomyelois ceratoniae, Hymenoptera, Larvae, Parasitic insects, Pupae, Surveys.

13840-69
APPRECIATION OF THE EFFICACY OF CERTAIN GRANULATED INSECTICIDES IN THE CONTROL OF THE MAIZE PYRALID (OSTRINIA NUBILALIS HBN.) III. (SE)
D Hadzistevic
Agrohemija 1-2:15-20
1968 385 AG87
Chemical control (insects), Corn, Insect pests, Insecticides, Ostrinia nubilalis, Pyralidae.

13841-69
FREE AMINO ACIDS AND SUGARS OF THE ADULT SUGAR CANE FROGHOPPER (AENEOLAMIA VARIA SACCHARINA) (HOMOPTERA: CERCOPIDAE) IN RELATION TO THOSE OF ITS HOST.
E A C Hagley
Entomol Exp Appl 12(2):235-239 REF
1969 421 EN895
Amino acids, Cercopidae, Chemical analysis, Chromatography, Sugarcane, Sugars.

13842-69
OBSERVATIONS ON THE EFFECT OF INSECTICIDES ON COLEOPTEROUS PREDATORS OF ERIOISCHIA BRASSICAE (DIPTERA: ANTHOMYIIDAE).
S A Hassan
Entomol Exp Appl 12(2):157-168 REF
421 EN895
Carabidae, Chemical control (insects), Chlorfenvinphos, Diazinon, Erioischia brassicae, Insecticides, Organophosphorus compounds, Predaceous insects, Staphylinidae.

13843-69
ROLE OF QUARANTINE FOR THE PROPAGATION OF COCCIO-ATTACKING COCCINELLIDAE FOR THE CONTROL OF THE DATE-PALM SCALE (PARLATORIA BLANCHARDI TARG.) IN THE ADRAR REGION OF MAURITANIA. (FR)
G Iperti J Brun
Entomophaga 14(2):149-157
1969 421 EN835
Biological control (insects), Coccinellidae, Coccoidea, Insect rearing, Parlatoria blanchardii, Plant quarantine. English abstract.

13844-69
THE PEAR PHYLLOXERA APHANOSTIGMA PIRI CHOLOD. ET MOKRZ. (PHYLLOXERIDAE). (RUS)
D A Kolessova
Zool Zh 48(8):1166-1176 REF
Aug 1969 410 R92
Insect biology, Pears, Phylloxeridae, Reproduction.

13845-69
TRANSMISSION OF PEA LEAF ROLLING VIRUS BY APHIDS.
B A Kvicala M Musil
Biologia (bratislava) 22(1):10-16 REF
1967 442.8 B5265
Acyrthosiphon pisum, Aphididae, Aphis craccivora, Aphis fabae, Greenhouses, Insect vectors, Leaf roll, Myzus persicae, Peas, Plant disease transmission, Virus diseases (plants).

13846-69
RABBIT SURVEY IN WEST WALES (1961-67).
H G Lloyd K C Walton
Great Brit Min Agr Fish Food Agr 76(1):32-36
Jan 1969 10 G79J
Ecology, Epizootic diseases, Myxomatosis, Population, Rabbits, Rodents, Statistical distributions, Surveys, Wildlife pests.

13847-69
BIOLOGY AND CONTROL OF CITRUS PSYLLA DIAPHORINA CITRI KUW.
B S Mangat
Plant Protect Bull 18(3):18-20
1966 421 P69
Chemical control (insects), Citrus, Diaphorina citri, Insect biology, Insect histology, Insect pests, Insect physiology, Insecticides, Mortality, Psyllidae.

13848-69
PHOTOCHEMICAL OXIDANT INJURY AND BARK BEETLE (COLEOPTERA: SCOLYTIDAE) INFESTATION OF PONDEROSA PINE. III. EFFECT OF INJURY UPON OLEORESIN COMPOSITION, PHLOEM CARBOHYDRATES, AND PHLOEM PH.
P R Miller F W Cobb E Zavarin
Hilgardia 39(6):135-140
May 1968 100 C12H
Carbohydrates, Dendroctonus ponderosae, Hydrogen-ion concentration, Ozone, Phloem, Pinus ponderosa, Plant biochemistry, Plant injuries.

13849-69
TRAPS, MALE LURES, AND A WARNING SYSTEM FOR QUEENSLAND FRUIT FLY, DACUS TRYONI (FROGG.) (DIPTERA, TRYPETIDAE).
J Monro N L Richardson
Australian J Agr Res 20(2):325-338
Mar 1969 23 AU783
Attractants, Baits, Chemicals, Dacus tryoni, Dichlorvos, Fly traps, Fruit, Insect outbreak forecasting, Insect traps, Insecticides, Malathion, Organophosphorus compounds, Plant pest control, Weather, Wind.

13850-69
THE CONTROL PROGRAM OF THE MEXICAN FRUIT FLY, ANASTREPHA LUDENS LOEW. (SP)
J S Parker
Fitofilo 59(21 JUL-SEP):12-14
Sep 1968 421 F55
Anastrepha ludens, Biological control (insects), Chemical control (insects), Fruit, Insect control.

13851-69
PHEROMONE RESPONSE IN PINE BARK BEETLES: INFLUENCE OF HOST VOLATILES.
G B Pitman
Science 166(3907):905-906
14 Nov 1969 470 SC12
Dendroctonus, Insect behavior, Pheromones, Pinus, Plant extracts.

13852-69
TRIALS WITH PESTICIDES AGAINST RED MITES--RAOLIELLA INDICA HIRST IN KERALA.
M K Ponnuswami
Plant Protect Bull 18(1):27-28
1966 421 P69
Betel nuts, Chemical control (insects), Insect pests, Palmae, Pesticides, Plant protection, Raoliella indica.

13853-69
1965 TURF INSECTS.
R Randell
Turfgrass Conf Proc 6:58-60
1965 SB433.14
Chemical control (insects), Grubs, Insect pests, Insecticides, Larvae, Plant injuries, Turf, Webworm.

13854-69
OBSERVATIONS ON LYGAEUS PANDURUS SCOPLI IN WEST RAJASTHAN.
C Singh
Plant Protect Bull 18(3):27-28
1966 421 P69
Calotropis procera, Colocynth, Crops, Food plants, Insect ecology, Insect pests, Leptadenia, Plants, Spilostethus pandurus.

13855-69
PROPHYLACTIC TREATMENT OF STORAGE RECEPTACLES FOR THE CONTROL OF PULSE BETTLE, PACHYMERUS CHINENSIS LINN.
H Singh
Plant Protect Bull 18(3):21-23
1966 421 P69
Breeding, Bruchidae, Callosobruchus chinensis, Chemical control (insects), Culture media, Insect pests, Insecticides, Mortality, Spraying, Storage.

13856-69
STUDIES ON PROTECTION OF PULSES AGAINT PACHYMERUS CHINENSIS LINNAEUS.
Harcharan Singh
Plant Protect Bull 18(1):25-26
1966 421 P69
Bruchidae, Callosobruchus chinensis, Insect pests, Legumes, Plant protection, Storage.

13857-69
TRIALS FOR THE CONTROL OF BRINJAL FRUIT AND SHOOT BORER.
S Singh M S Guram
Plant Protect Bull 18(3):13-16
1966 421 P69
Chemical control (insects), Chlorinated hydrocarbons, DDT, Dusting, Insect pests, Insecticides, Lepidoptera, Pyralidae, Spraying, Transplanting, Vegetables.

13858-69
DESERT LOCUST SITUATION AND CONTROL IN INDIA DURING 1962-63.
S Singh
Plant Protect Bull 18(2):1-3
1966 421 P69
Crop losses, Insect control, Insect pests, Plant injuries, Plant protection, Schistocerca gregaria, Time.

13859-69
PHOTOCHEMICAL OXIDANT INJURY AND BARK BEETLE (COLEOPTERA: SCOLYTIDAE) INFESTATION OF PONDEROSA PINE. I. INCIDENCE OF BARK BEETLE INFESTATION IN INJURED TREES.
R W Stark P R Miller F W Cobb D L Wood J R Parmeter
Hilgardia 39(6):121-126
May 1968 100 C12H
Dendroctonus brevicomis, Dendroctonus ponderosae, Ozone, Pinus ponderosa, Plant injuries, Plant morphology, Surveys.

13860-69
ACERIA TULIPAE IN NORTH DAKOTA.
R G Timian E H Lloyd
Plant Dis Rep 53(8):623
Aug 1969 1.9 P69P
Aceria tulipae, Bromus inermis, Setaria viridis, Streak mosaic, Virus diseases (plants), Wheat.

13861-69
REACTION OF DENT CORN INBREDS AND HYBRIDS TO ACERIA TULIPAE AND WHEAT STREAK MOSAIC VIRUS.
J B Tunac C M Nagel
Plant Dis Rep 53(8):662-664
Aug 1969 1.9 P69P
Aceria tulipae, Corn, Crop varieties, Insect vectors, Mites, Plant injuries, Streak mosaic, Virus diseases (plants).

13862-69
CALIFORNIA FIGHTS DRAMATIC WAR AGAINST PINK BOLLWORM ON COTTON.
Union Carbide Agr Chem Dig 10(1):1-5
1968 381 UN3
California, Chemical control (insects), Cotton, Crop yields, Heliothis, Insect pests, Pectinophora gossypiella, Spraying.

13863-69
ALIESTERASE ACTIVITY AND REPRODUCTION IN MUSCA DOMESTICA: EFFECTS OF DDT AND METEPA.
T K Wan G H S Hooper
Entomol Exp Appl 12(2):221-228 REF
1969 421 EN895
Carboxylesterase, DDT, Insect biochemistry, Insect physiology, Insecticides, Metepa, Musca domestica, Reproduction.

NEMATODES

13864-69
CRICONEMOIDES GRASSATOR N. SP. FROM YELLOW POPLAR (LIRIODENDRON TULIPIFERA) IN WEST VIRGINIA.
R E Adams N A Lapp
Nematologica 13(1):63-66
1967 436.8 N342
Criconemoides, Liriodendron tulipifera, Plant nematodes, Taxonomy.

13865-69
INVESTIGATIONS ON THE OCCURRENCE AND BEHAVIOUR OF DITYLENCHUS DESTRUCTOR IN SWEDEN.
S Andersson
Nematologica 13(3):406-416 MAP REF
1967 436.8 N342
Ditylenchus destructor, Plant nematodes, Population, Potatoes, Stored products, Weeds, Zoogeography.

13866-69
POLYSTYRENE BEAKERS FOR EELWORM CULTURE.
O M Brooks
Nematologica 13(3):472
1967 436.8 N342
Heterodera rostochiensis, Laboratory equipment, Plant nematodes, Rearing, Styrene polymers.

13867-69
THE ASSOCIATION OF ROOT-LESION NEMATODES WITH REDUCED GROWTH OF TOBACCO IN THE NELSON DISTRICT.
T W Canter-Visscher
New Zeal J Agr Res 12(2):423-426
May 1969 23 N4892
Crop losses, Plant nematodes, Pratylenchus, Surveys, Tobacco.

13868-69
STUDY OF THE LIFE CYCLE OF APHELENCHOIDES COMPOSTICOLA. (FR
J C Cayrol
Nematologica 13(1):23-32
1967 436.8 N342
Aphelenchoides, Biology, Physiology, Reproductive organs, Temperature. English abstract.

13869-69
THE DEVELOPMENT AND LIFE HISTORY OF THE FALSE ROOT-KNOT NEMATODE, NACOBBUS SERENDIPITICUS.
S A Clark
Nematologica 13(1):91-101 REF
1967 436.8 N342
Biology, Motion pictures, Nacobbus, Physiology, Plant nematodes, Tomatoes.

13870-69
THE MECHANISM OF ORIENTATION IN NEMATODES.
N A Croll
Nematologica 13(1):17-22
1967 436.8 N342
Locomotion, Nematodes, Panagrellus, Phototropism, Physiology.

13871-69
ACCLIMATIZATION IN THE ECCRITIC THERMAL RESPONSE OF DITYLENCHUS DIPSACI.
N A Croll
Nematologica 13(3):385-389
1967 436.8 N342
Ditylenchus dipsaci, Environmental effects, Nematodes, Plant nematodes, Temperature.

13872-69
A Y SHAPED THROUGH FOR USE IN NEMATODE BEHAVIOURAL STUDIES.
N A Croll
Nematologica 13(3):472
1967 436.8 N342
Behaviorism, Laboratory equipment, Panagrellus, Plant nematodes.

13873-69
INFLUENCE OF ENVIRONMENT ON DEVELOPMENT AND SEX DIFFERENTIATION OF ROOT-KNOT NEMATODES. II. EFFECT OF HOST NUTRITION.
R G Davide A C Triantaphyllou
Nematologica 13(1):111-117 REF
1967 436.8 N342
Environmental effects, Meloidogyne incognita, Nitrogen, Physiology, Plant nematodes, Plant nutrition, Potassium.

13874-69
INFLUENCE OF THE ENVIRONMENT ON DEVELOPMENT AND SEX DIFFERENTIATION OF ROOT-KNOT NEMATODES. I. EFFECT OF INFECTION DENSITY, AGE OF HOST PLANT AND SOIL TEMPERATURE.
R G Davide A C Triantaphyllou
Nematologica 13(1):102-110 REF
1967 436.8 N342
Aging, Environmental effects, Meloidogyne incognita, Meloidogyne javanica, Physiology, Plant nematodes, Population, Sex, Soil temperature.

13875-69
SOME WEED HOSTS OF THE SOUTHERN ROOT-KNOT NEMATODE, MELOIDOGYNE INCOGNITA.
T R Davidson J L Townshend
Nematologica 13(3):452-458 REF

1967 436.8 N342
Meloidogyne incognita, Plant nematodes, Surveys, Weeds.

13876-69
PREPARATION OF FRESH FROZEN SECTIONS OF FREE-LIVING AND PLANT PARASITIC NEMATODES WITH A COLD MICROTOME.
K H Deubert B M Zuckerman
Nematologica 13(3):343-346
1967 436.8 N342
Histochemistry, Microtechnique, Microtomy, Plant nematodes.

13877-69
THE BEHAVIOUR OF SECOND-STAGE HETERODERA ROSTOCHIENSIS LARVAE LEADING TO THEIR EMERGENCE FROM THE EGG.
C C Doncaster A M Shepherd
Nematologica 13(3):476-478
1967 436.8 N342
Eggs, Heterodera rostochiensis, Larvae, Physiology, Plant nematodes.

13878-69
A METHOD FOR STUDYING THE INFLUENCE OF HYDROGEN ION CONCENTRATION ON THE AGGREGATION OF APHELENCHUS AVENAE.
J E Edmunds
Nematologica 13(1):174-175
1967 436.8 N342
Aphelenchus avenae, Hydrogen-ion concentration, Plant nematodes, Population.

13879-69
SUSCEPTIBILITY OF TWO CITRUS ROOTSTOCKS TO PRATYLENCHUS SPP.
J Feldmesser C I Hannon
Plant Dis Rep 53(8):603-607, REF
Aug 1969 1.9 P69P
Citrus, Lemons, Plant nematodes, Pratylenchus.

13880-69
PENETRATION AND FEEDING BY APHELENCHUS AVENAE.
J M Fisher A A F Evans
Nematologica 13(3):425-428 REF
1967 436.8 N342
Aphelenchus avenae, Feeding habits, Fungi, Penetration, Plant nematodes, Thanatephorus cucumeris.

13881-69
THE CITRUS NEMATODE, TYLENCHULUS SEMIPENETRANS. (SP)
C G Gottwald
Fitofilo 59(21,JUL-SEP):30-36
Sep 1968 421 F55
Biology, Citrus, Morphology, Plant nematodes, Tylenchulus semipenetrans.

13882-69
FREQUENCY OF NEW FEMALES (CYSTS) IN SINGLE-CYST CULTURES OF HETERODERA ROSTOCHIENSIS; THEIR RELEVANCE TO THE INHERITANCE OF ABILITY TO OVERCOME RESISTANCE AND TO THE FREQUENCY OF MATING.
F G W Jones
Nematologica 13(3):469-472
1967 436.8 N342
Cysts, Heterodera rostochiensis, Plant nematodes, Sex behavior, Sex ratios.

13883-69
CONTROL OF THE SUGARBEET NEMATODE, HETERODERA SCHACHTII, ON SUGARBEETS WITH ORGANOPHOSPHATE AND CARBAMATE NEMATICIDES.
E C Jorgenson
Plant Dis Rep 53(8):625-628, REF
Aug 1969 1.9 P69P
Carbamates, Chemical control (nematodes), Heterodera schachtii, Nematocides, Organophosphorus compounds, Plant nematodes, Sugar beets.

13884-69
NOTES ON THE HOST RANGE, ECOLOGY AND POPULATION DYNAMICS OF PRATYLENCHUS BRACHYURUS.
H Koen
Nematologica 13(1):118-124
1967 436.8 N342
Corn, Ecology, Environmental effects, Plant nematodes, Population, Potatoes, Pratylenchus brachyurus.

13885-69
OCCURRENCE OF ENDOTOKIA MATRICIDA IN PARANGUINA AGROPYRI WITH A NOTE ON THE HIBERNATION OF THIS EELWORM.
E Krall
Nematologica 13(3):466
1967 436.8 N342
Agropyron repens, Hibernation, Plant nematodes, Tylenchidae.

13886-69
PLANT-PARASITIC NEMATODES OF JACK AND RED PINE STANDS IN WISCONSIN.
R G Krebill K R Barker R F Patton
Nematologica 13(1):33-42 REF
1967 436.8 N342
Pinus banksiana, Pinus resinosa, Plant nematodes, Trichodorus, Xiphinema americanum.

13887-69
PECTINASES IN DITYLENCHUS DIPSACI.
L R Krusberg
Nematologica 13(3):443-451 REF
1967 436.8 N342
Biochemistry, Ditylenchus dipsaci, Pectinase, Plant nematodes, Spectrophotometry.

13888-69
TISSUE CULTURE AND MAINTENANCE OF THE ROOT-LESION NEMATODE, PRATYLENCHUS VULNUS.
B F Lownsbery C S Huang R N Johnson
Nematologica 13(3):390-394
1967 436.8 N342
Plant nematodes, Pratylenchus vulnus, Rearing, Temperature, Tissue culture.

13889-69
INFLUENCE OF GROWING MARIGOLDS, WEEDS, TWO COVER CROPS AND FUMIGATION ON SUBSEQUENT POPULATIONS OF PARASITIC NEMATODES AND PLANT GROWTH.
P M Miller J F Ahrens
Plant Dis Rep 53(8):642-646, REF
Aug 1969 1.9 P69P
Buckwheat, Chemical control (nematodes), Cover crops, Ethylene dibromide, Ornamental plants, Plant nematodes, Pratylenchus penetrans, Rye, Soil fumigation, Tagetes patula, Tylenchorhynchus claytoni, Weeds.

13890-69
THE EFFECTS OF CHEMICAL TREATMENT ON TYLENCHULUS SEMIPENETRANS AND CITRUS TREE RESPONSE DURING 8 YEARS.
J H O'Brannon H W Reynolds
Nematologica 13(1):131-136
1967 436.8 N342
Chemical control (nematodes), Citrus, Dibromo-3-chloropropane, 1,2-, Nematocides, Plant nematodes, Tylenchulus semipenetrans.

13891-69
MONOXENIC CULTURING OF DOLICHODORUS HETEROCEPHALUS ON CORN ROOT CALLUS.
S M Paracer B M Zuckerman
Nematologica 13(3):478
1967 436.8 N342
Corn, Culture media, Dolichodorus heterocephalus, Methodology, Plant nematodes, Rearing.

13892-69
EFFECT OF TEMPERATURE ON THE RATE OF DEVELOPMENT OF NACOBBUS SERENDIPITICUS IN EXCISED TOMATO ROOTS.
S K Prasad J M Webster
Nematologica 13(1):85-90 REF
1967 436.8 N342
Nacobbus, Physiology, Plant galls, Plant nematodes, Roots, Temperature, Tomatoes.

13893-69
THE RELATIONSHIPS BETWEEN POPULATION INCREASE AND POPULATION DENSITY IN PLANT PARASITIC NEMATODES. III. DEFINITION OF THE TERMS HOST, HOST STATUS AND RESISTANCE. IV. THE INFLUENCE OF EXTERNAL CONDITIONS ON THE REGULATION OF POPULATION DENSITY.
J W Seinhorst
Nematologica 13(3):429-442
1967 436.8 N342
Density, Ditylenchus dipsaci, Environmental effects, Nematocides, Plant nematodes, Population, Pratylenchus, Rotylenchus, Sodium N-methyldithiocarbamate.

13894-69
THE RELATIONSHIPS BETWEEN POPULATION INCREASE AND POPULATION DENSITY IN PLANT PARASITIC NEMATODES. II. SEDENTARY NEMATODES.
J W Seinhorst
Nematologica 13(1):157-171
1967 436.8 N342
Density, Heterodera rostochiensis, Plant nematodes, Population, Statistical analysis.

13895-69
APHELENCHOIDES GOODEYI N. SP. (NEMATODA: APHELENCHOIDEA), A MYCOPHAGOUS NEMATODE FROM SOUTH INDIA.
M R Siddiqi M T Franklin
Nematologica 13(1):125-130
1967 436.8 N342
Aphelenchoides, Feeding habits, Fungi, Taxonomy.

13896-69
SOME BIOCHEMICAL CHANGES IN THE CONTENTS OF THE CYST OF HETERODERA ROSTOCHIENSIS DURING ITS MATURATION.
L Smith C Ellenby
Nematologica 13(3):395-405 REF
1967 436.8 N342
Biochemistry, Chromatography, Cysts, Electrophoresis, Enzymes, Heterodera rostochiensis, Physiology, Pigments, Plant nematodes.

13897-69
ADDITIONS TO HOST RECORDS OF MELOIDOGYNE SP., HELICOTYLENCHUS MULTICINCTUS AND ROTYLENCHULUS RENIFORMIS.
D Stoyanov
Nematologica 13(1):173
1967 436.8 N342
Helicotylenchus multicinctus, Meloidogyne, Plants, Rotylenchulus reniformis, Surveys.

13898-69
OBSERVATIONS ON THE BIOLOGY OF APHELENCHOIDES FRAGARIAE IN LORRAINE BEGONIA. (GE)
H Strumpel
Nematologica 13(1):67-72
1967 436.8 N342
Aphelenchoides, Biology, Europe, Histology, Plant nematodes. English abstract.

13899-69
A SIMPLIFIED METHOD FOR TESTING INFESTIVITY OF HETERODERA ROSTOCHIENSIS.
V Umbaerus G Videgard
Nematologica 13(3):473-474
1967 436.8 N342
Culture media, Heterodera rostochiensis, Infestation, Laboratory equipment, Methodology, Plant nematodes, Potatoes.

13900-69
OBSERVATIONS ON PARASITIC PROTOZOA IN PLANT-PARASITIC AND FREE-LIVING NEMATODES.
J R Williams
Nematologica 13(3):336-342 REF
1967 436.8 N342
Mcloidogyne, Plant ncmatodes, Protozoa, Spores, Surveys, Xiphinema.

13901-69
NEW HOST PLANTS OF XIPHINEMA BASIRI AND X. INDICUM.
B S Yadav M K Varma
Nematologica 13(3):469
1967 436.8 N342
Plants, Surveys, Xiphinema basiri, Xiphinema indicum.

WEEDS

13902-69
THE EFFECT OF THE HERBICIDE ISOPROPYL-N-3-CHLOROPHENYL CARBAMATE (CIPC) ON THE HORSE BEAN PLANT. I.--THE EFFECT OF DIFFERENT CONCENTRATIONS OF CIPC ON THE HORSE BEAN PLANT SEEDED IN POTS AT DIFFERENT LEVELS.
M B Ahmed A M Zaher M K El-Din Fouad N O Monged
Cairo Ain Shams Univ Fac Agr Bull 16(2):191-205 REF
1969 24 C122
Broadbeans, Carbamates, Chloropropham, Herbicides, Plant physiology, Toxicology.

13903-69
WAYS TO KILL MORE WEEDS WHEN YOU PLANT.
Anonymous
Farm J West Ed 93(5):24-25
May 1969 6 F2212W
Chemical control (weeds), Dairy equipment, Farm management, Herbicides, Pesticide application, Planting, Spraying.

13904-69
WEED CONTROL IN SEED ALFALFA.
Anonymous
Aerial Appl 6(3):9
Mar 1968 333.8 AE8
Aerial spraying, Alfalfa, Chemical control (weeds), Pesticide application, Seeds, Weed control.

13905-69
APPLICATION OF THE HERBICIDE 2,4-D IN SUMMER WHEAT CROPS. RAKITIN, Y V MIKHAILOVA, T P. (RUS)
Fiziol Rast 15(1):171-176
Feb 1968 450 F58
Chemical control (weeds), Crop yields, D, 2,4-, Herbicides, Pesticide application, Phenoxy acid compounds, Rainfall, Seed planting, Tillage, Toxicology, Wheat. English summary

13906-69
THE EFFECT OF THE HERBICIDE ISOPROPYL-N-3-CHLOROPHENYL CARBAMATE (CIPC) ON THE HORSE BEAN PLANT. II.--THE EFFECT OF PRE- AND POST EMERGENCE TREATMENTS OF CIPC ON THE HORSE BEAN PLANT GROWN UNDER FIELD CONDITIONS.
M K El-Din Fouad M B Ahmed A M Zaher N O Monged
Cairo Ain Shams Univ Fac Agr Bull 16(2):207-221 REF
1969 24 C122
Broadbeans, Chlorinated hydrocarbons, Chloropropham, Herbicides, Plant physiology, Toxicology.

13907-69
THE EFFECT OF THE HERBICIDE ISOPROPYL-N-3-CHLOROPHENYL CARBAMATE (CIPC) ON THE HORSE BEAN PLANT. III.--HISTOLOGICAL EFFECT OF CIPC ON THE HORSE BEAN PLANT.
M K El-Din Fouad A M Zaher M B Ahmed
Cairo Ain Shams Univ Fac Agr Bull 16(2):223-248
1969 24 C122
Broadbeans, Carbamates, Chloropropham, Herbicides, Plant histology, Toxicology.

13908-69
CARTHAMUS OXYACANTHA, A NEW HOST OF MACROPHOMINA PHASEOLI.
A Ghaffar
Pakistan J Forest 18(4):542
Oct 1968 99.8 P17
Carthamus oxycantha, Cotton, Fungus diseases (plants), Macrophomina phaseoli, Root rot, Soil fungi, Weeds, Wheat.

13909-69
BIOLOGICAL CONTROL OF PRICKLY PEAR CACTI ON SANTA CRUZ ISLAND, CALIFORNIA.
R D Goeden C A Fleschner D W Ricker
Hilgardia 38(16):579-606 MAP REF
Nov 1967 100 C12H
Biological control (pests), Coreidae, Dactylopiidae, Insect biology, Opuntia, Phycitidae, Plant geography.

13910-69
INFLUENCE OF HERBICIDES ON PLANT GROWTH AND AGRONOMIC CHARACTERISTICS OF SOYBEAN VARIETIES.
B J Johnson
Agron J 61(5,SEP-OCT):791-793
Oct 1969 4 AM34P
Crop yields, Herbicides, Plant physiology, Seed analysis, Soybeans.

13911-69
POSSIBILITIES FOR GROWING OF CHICKPEA AS A SOLID PLANTED CROP BY USE OF HERBICIDES. (RUS)
G Koinov
Rastenievud Nauk 5(6):73-80 REF
1968 64.8 R18
Chemical control (weeds), Chickpeas, Crop yields, Herbicides, Prometryne, Simazine, Weed control. English abstract.

13912-69
SECTION III.--WEED CONTROL.
W M Lewis A B Rogerson W A Skroch
N C Pesticide Manual 00(00):108-147
1969 79.8 N81
Accident prevention, Chemical control (weeds), Herbicide residues, Herbicides, Surveys, Toxicology, Weed control.

13913-69
NEW HERBICIDES FOR CONTROL OF WEEDS IN SORGHUM. (RUS)
Ya Lyubenov
Rastenievud Nauk 5(6):99-109
1968 64.8 R18
Bromophenyl)-1-methoxy-1-methylurea, 3-(p-, Chemical control (weeds), Chlorinated hydrocarbons, D, 2,4-, Herbicides, Sorghum. English abstract.

13914-69
WEED CONTROL IN CUCURBITS.
W L Ogle
S C Agr Exp Sta Agr Res 15(1-2):13,19
1968 100 SO85O
Benefin, Bcnsulide, Cantaloupes, Chemical control (weeds), Chlorinated hydrocarbons, Cucumbers, Cucurbits, Herbicides, Methylsulfonyl)-2,6-dinitro-N,N-dipropylaniline, 4-(, Trifluralin, Watermelons.

13915-69
BUSHES IN NATURAL GRASSLANDS CAN BE CONTROLLED.
R K Pandey M Singh
Indian Farming 19(3):15-16
Jun 1969 22 IN283
Chemical control (weeds), Herbicides, Pastures, T, 2,4,5-, Weeds.

13916-69
WEED CONTROL PRINCIPLES--2.
J E Rawson
Queensland Agr J 94(11):671-677
Nov 1968 23 Q33
Accident prevention, Biological control (weeds), Chemical control (weeds), Cultural control (weeds), Herbicide residues, Herbicides, Spraying.

13917-69
USE OF MINIMUM TILLAGE AND HERBICIDE FOR ESTABLISHING LEGUMES IN KENTUCKY BLUEGRASS (POA PRATENSIS L.) SWARDS.
T H Taylor E M Smith W C Templeton
Agron J 61(5,SEP-OCT):761-766 REF
Oct 1969 4 AM34P
Alfalfa, Chemical control (weeds), Paraquat, Poa pratensis, Weed control, White clover.

13918-69
CONTROL OF SCOTCH GRASS (AGROPYRON REPENS) IN SUGAR BEET.
T M Thomas
Dublin Foras Taluntais Plant Sci Crop Husb 29
1967 103 D852
Agropyron rcpens, Chemical control (weeds), Crop varieties, Dosage, Herbicides, Phytotoxicity, Sodium trichloroacetate, Sugar beets.

13919-69
WEED CONTROL IN POTATOES.
T M Thomas
Dublin Foras Taluntais Plant Sci Crop Husb 29-30
1967 103 D852
Ametryne, Bromo-3-chlorophenyl)-N'-methoxy-N'-methylurea, N-(4-, Bromophenyl)-1-methoxy-1-methylurea, 3-(p-, Chemical control (weeds), Crop varieties, Crop yields, Dosage, Herbicides, Potatoes.

13920-69
CHEMICAL CONTROL OF GRASS WEEDS IN TEA FIELDS.
K S Venkataramani
Planters Chron 63(4):54
15 Feb 1968 22 P693
Chemical control (weeds), Dalapon, Grasses, Herbicides, Plant translocation, Spraying, Tea.

13921-69
TRANSLOCATION OF EIGHT C14-LABELED AMINO ACIDS AND THREE HERBICIDES IN TWO VARIETIES OF BARLEY.
S Yamaguchi A S Islam
Hilgardia 38(5):207-229
Apr 1967 100 C12H
Amino acids, Amitrolc, Autoradiography, Barley, Chromatography, D, 2,4-, Herbicides, Monuron, Plant biochemistry, Plant translocation, Radioactive tracers.

OTHER PESTS

13922-69
TETRAHYMENID CILIATES AS PARASITES OF THE GRAY GARDEN SLUG.
W M Brooks
Hilgardia 39(8):205-276 REF
Jun 1968 100 C12H
Biological control (pests), Ciliates, Deroceras reticulatum, Histology, Parasitism, Rearing, Tetrahymena.

13923-69
RAT-CONTROL PROCEDURES ON THE PACIFIC ISLANDS, WITH SPECIAL REFERENCE TO THE EFFICIENCY OF BIOLOGICAL CONTROL AGENTS. I. APPRAISAL OF THE MONITOR LIZARD, VARANUS INDICUS (DAUDIN), AS A RAT-CONTROL AGENT ON IFALUK, WESTERN CAROLINE ISLANDS.
T A Uchida
Kyushu Univ Fac Agr J 15(3):311-330 MAP REF
Jul 1969 107.6 K995
Biological control (pests), Culicidae, Filariasis, Lizards, Rats.

LIVESTOCK PROTECTION

13924-69
THE ACTION OF 4-HYDROXY-17-ALPHA-METHYL-TESTOSTERONE ON THE METABOLISM OF BROILERS. (IT)
F M Arnaiz
Veterinaria (milano) 17(2,MAR-APR):75-96 REF
1968 41.8 V6499
Animal nutrition, Chicken types (meat), Feed additives, Hydroxy-17-alpha-methyltestosterone, 4-, Metabolism, Steroids. English and French summaries.

13925-69
CHEMICAL VEGETATION CONTROL MANUAL FOR FISH AND WILDLIFE MANAGEMENT PROGRAMS.
T E DeVaney
42 P. WASHINGTON, D. C., GOVT. PRINT. OFF.
Jan 1968 SB951.D4
Chemical control (weeds), Chemicals, Fish, Herbicides, Wildlife management.

13926-69
INVESTIGATION ON THE INCIDENCE OF SALMONELLA IN WILD BIRDS.
G P Faddoul G W Fellows J Baird
Clin Vet 90(4):270
Apr 1968 41.8 C61
Bacteriology, Birds, Salmonella pullorum, Salmonella typhimurium, Wildlife diseases.

13927-69
THIEVES IN THE POULTRY HOUSE.
W A Kollner
Queensland Agr J 94(11):681-685
Nov 1968 23 Q33
Animal vectors, Baits, Chemical control (pests), Norbormide, Poultry diseases, Poultry houses, Rats, Rodent control, Rodenticides, Salmonella, Warfarin.

13928-69
SENSITIVITY OF THE SPLENECTOMIZED HAMSTER TO TRYPANOSOMA EQUINUM. (SP)
H F Mayer
Veterinaria (corrientes) 1(3):75-81
1965 41.8 V6465
Hamsters, Hypodermic injections, Spleen, Trypanosoma equinum. English and French summaries.

13929-69
CHEMICAL MUTAGENESIS IN HIGHER ANIMALS. (JA)
Y Nakao I Machida E Yamaguchi E Inagaki
Gamma Field Symp 5:39-52 REF
1966 442.9 H79
Animals, Breeding, Chemicals, Chromosomes, Deoxyribonucleic acid, Mutation. Japanese summary

13930-69
ANAPLASMOSIS IN EAST-FRIESAN LAMBS.
A Shimshoni
Refuah Vet 24(4):213-208 REF
Dec 1967 41.8 R25
Anaplasma centrale, Anaplasma marginale, Anaplasmosis, Animal diseases, Erythrocytes, Lambs, Livestock diseases, Protozoa, Serological tests, Veterinary medicine.

DISEASES

13931-69
OBSERVATIONS ON THE OCCURRENCE OF NEOPLASMS IN THE DOMESTIC BIRDS.
S M Ajinkya P D Sardeshpande
Indian Vet J 46(5):380-385 REF
May 1969 41.8 IN2
Animal histology, Birds, Epithelial tumors, Leukosis, Neoplasms, Poultry diseases.

13932-69
OBSERVATIONS ON BOVINE URETHRAL CALCULOSIS.
J V Anjaria
Indian Vet J 46(5):449-453
May 1969 41.8 IN2
Animal nutrition, Calcium, Calculi, Cattle, Human diseases, Livestock diseases, Urethra, Urine, Urogenital system, Veterinary medicine.

13933-69
MUSCULAR DYSTROPHY IN THE HORSE.
J R Baker
Vet Rec 84(19):488-490
10 May 1969 41.8 V641
Animal histology, Autopsies, Edema, Heart, Horses, Livestock diseases, Muscles, Muscular dystrophy.

13934-69
PREVENTION OF ABORTIONS IN DAIRY CATTLE DUE TO A PSITTACOSIS-LYMPHOGRANULOMA VENEREUM (BEDSONIA) AGENT BY TREATMENT WITH TETRACYCLINE (A FIELD TRIAL).
U Bargai
Refuah Vet 24(4):216-214
Dec 1967 41.8 R25
Abortion, Dairy cattle, Epizootic diseases, Livestock diseases, Miyagawanella group viruses, Pregnancy, Tetracycline, Therapeutics.

13935-69
NEW HOPE IN THE BATTLE AGAINST CALF SCOURS.
O Bay
Farm J West Ed 93(5):26
May 1969 6 F2212W
Antibiotics, Calves, Cattle, Livestock diseases, Scours, Vaccines, Virus diseases (animals).

13936-69
SIGNIFICANCE OF THE ASEXUAL STAGES IN ASSESSING EIMERIAN INFECTIONS OF GOATS.
B B Bhatia B P Pande
Indian Vet J 46(5):399-403 REF
May 1969 41.8 IN2
Animal histology, Coccidiosis, Eimeria arloingi, Goats, Intestines, Livestock diseases, Parasitism, Physiology, Protozoa.

13937-69
OSTEOSARCOMA IN THE DOG. (SP)
R Bordet J Coulon J Sevestre
Rev Med Vet (buenos Aires) 48(6):551-559
1967 41.8 B86
Animal abnormalities, Animal diseases, Bones, Dogs, Neoplasms, Osteosarcoma.

13938-69
DERMAPHOS A PHOSPHORO-ORGANIC PREPARATION IN THE TREATMENT OF THE SKIN MYCOSIS IN COWS AND HORSES. (POL)
L Buchhalski
Med Wet 24(3):149
Mar 1968 41.8 M463
Biochemistry, Cattle, Drug therapy, Fungicides, Horses, Livestock diseases, Mycosis, Organophosphorus compounds, Skin diseases.

13939-69
UMBILICAL INFECTIONS IN FETAL CALVES. (IT)
R Cheli
Clin Vet 91(6)173-184 REF
Jun 1968 41.8 C61
Anatomy, Calves, Fetal membranes, Fetus, Livestock diseases, Umbilical cord. English summary

13940-69
THE INVESTIGATION ON THE EFFECTIVENESS OF COPPER SULPHATE (CUSO4) IN THE TREATMENT OF ASPERGILLOSIS IN DUCKLINGS. (POL)
K Ciszewski
Med Wet 24(3):150-151 REF
Mar 1968 41.8 M463
Aspergillosis, Copper sulfate, Drug therapy, Ducklings, Fungi, Fungicides, Mycosis, Wildlife diseases.

13941-69
FARM BUILDINGS AND THE BRUCELLOSIS (ACCREDITED HERD) SCHEME.
R S Clark
Great Brit Min Agr Fish Food Agr 76(1):39-41
Jan 1969 10 G79J
Brucellosis, Cattle, Farm management, Infectious diseases, Livestock diseases, Veterinary medicine.

13942-69
RABIES IN BATS IN THE SOUTH-EASTERN UNITED STATES. (SP)
D G Constantine
Rev Vet Venezolana 25(139):106
Feb 1968 41.8 R3226
Bats, Biological transport, Mortality, Rabies virus, Virus diseases (animals).

13943-69
PSEUDOMONAS AERUGINOSA CONTAMINATION OF A WARM WATER SYSTEM USED FOR PRE-MILKING UDDER WASHING.
P E Curtis
Vet Rec 84(19):476-477
10 May 1969 41.8 V641
Dairy cattle, Food contamination, Hygiene, Infectious diseases, Livestock diseases, Mastitis, Milk, Milking, Pseudomonas aeruginosa, Sterilization, Temperature, Udders, Water treatment.

13944-69
COMPARATIVE CONSIDERATION OF THE MORPHOLOGY AND GENESIS OF NEW GROWTHS. (GE)
E Dahme
Deut Vet Ges Ber 7:15-22 REF
08 Apr 1967 41.9 D482
Animal physiology, Cancer, Cells, Leukosis, Lymphosarcoma, Metabolism, Morphology, Neoplasms, Virus diseases (animals). English summary.

13945-69
PLEURAL HAEMANGIOMA AS A CAUSE OF TRANSIENT ASCITES IN THE DOG.
M G Dear
Vet Rec 84(19):478-480 REF
10 May 1969 41.8 V641
Animal diseases, Ascites, Blood chemistry, Dogs, Hemangiomas, Hematology, Hemorrhage, Lungs, Neoplasms, Radiography, Respiratory system, Veterinary medicine.

13946-69
UNDIFFERENTIATED, SEROUS, PAPILLARY, OVARIAN CYSTOADENOCARCINOMA IN A BITCH. CLINICAL AND THERAPEUTIC ASPECTS. (IT)
M Fedrigo
Veterinaria (milano) 17(1):22-30 REF
Jan 1968 41.8 V6499
Ascites, Carcinoma, Cystadenoma, Dogs, Edema, Neoplasms, Ovaries, Serum, Veterinary medicine. English and French summaries

13947-69
RECENT KNOWLEDGE OF AVIAN OSTEOPETROSIS GALLINARUM (MARBLE BONE, THICK LEG DISEASE). (GE)
K Fritzsche H Bahnemann
Deut Vet Ges Ber 7:87-94 REF
08 Apr 1967 41.9 D482
Avian lymphomatosis, Chicks, Immunization, Poultry diseases, Serum, Viremia, Virus diseases (animals). English summary

13948-69
MALIGNANT TRANSFORMATION OF HAMSTER CELLS BY CELL-FREE EXTRACTS OF BOVINE PAPILLOMAS (IN VITRO).
A Geraldes
Nature 222(5200):1283-1284
28 Jun 1969 472 N21
Bovine papilloma virus, Cells, Culture media, Dna viruses, Hamsters, Laboratory animals, Neoplasms, Virology, Virus diseases (animals).

13949-69
PARASITIC ZOONOSES OF THE FOOD ANIMALS.
T E Gibson
Vet Rec 84(18):448-453 REF
03 May 1969 41.8 V641
Animal vectors, Cysticercus bovis, Dogs, Echinococcosis, Feed, Human diseases, Swine, Trichinella spiralis, Trichinosis, Zoonoses.

13950-69
PRELIMINARY ENQUIRY ON THE FREQUENCY OF NEUTRALIZING ANTIBODIES OF MUCOUS DISEASE VIRUS IN BOVINE SERUM FROM SOME FRENCH DEPARTMENTS. (FR)
Y Gilbert
Acad Vet France Bull 40(3):125-129
Mar 1967 41.9 R24
Antibodies, Cattle, Livestock diseases, Mucosal disease, Serum, Virus diseases (animals).

13951-69
A COMPARATIVE STUDY ON THE PATHOLOGICAL PICTURE OF TRANSMISSIBLE GASTRO-ENTERITIS (TGE) AND E. COLI GASTROENTERITIS IN NEWBORN PIGLETS WITH SPECIAL REFERENCE TO THE GASTRO-INTESTINAL TRACT.
F Gilka
Acta Vet (budapest) 18(1):39-50 REF
1968 41.8 AC83
Anatomy, Cells, Escherichia coli, Gastroenteritis, Gastrointestinal system, Inflammation, Microscopy, Swine, Transmissible gastroenteritis.

13952-69
EFFECT OF STARVATION ON THE CELLULOLYTIC ACTIVITY OF SHEEP AND GOAT RUMEN INOCULUM AND IN-VITRO COMPARISON OF POTENCY OF RUMEN LIQUOR SAMPLES FROM FISTULATED AND NORMAL ANIMALS.
D N Gupta A Roy
Indian Vet J 46(5):429-434 REF
May 1969 41.8 IN2
Cellulolytic enzymes, Goats, Inoculum, Livestock diseases, Metabolism, Rumen fistula, Ruminants, Sheep, Starvation.

13953-69
IMMUNITY TO TUMORS. (GE)
D Hammek
Deut Vet Ges Ber 7:51-55
08 Apr 1967 41.9 D482
Antibodies, Antigens, Cells, Immunity, Neoplasms, Viruses. English summary

13954-69
THE ISOLATION OF FOOT-AND-MOUTH DISEASE VIRUS FROM AFRICAN BUFFALO (SYNCERUS CAFFER).
R S Hedger J B Condy J Falcoher
Vet Rec 84(20):516-517
17 May 1969 41.8 V641
Antibodies, Buffaloes, Foot-and-mouth disease virus, Livestock, Serum, Wildlife.

13955-69
MAGNESIUM ALLOY BULLETS FOR SUCKLING CALVES.
R G Hemingway N S Ritchie
Vet Rec 84(18):465-467
03 May 1969 41.8 V641
Calves, Cattle, Deficiency diseases, Hypomagnesemia, Magnesium alloys, Tetany.

13956-69
INFERTILITY IN COPPER-DEFICIENT GUINEA-PIGS.
J M Howell
Vet Rec 84(20):517-518
17 May 1969 41.8 V641
Abortion, Copper, Deficiency diseases, Fertility, Guinea pigs, Reproduction.

13957-69
BOVINE DIARRHEA VIRUS. II. END PHENOMENON: EXALTATION OF NEWCASTLE DISEASE VIRUS IN BOVINE CELLS INFECTED WITH BOVINE DIARRHEA VIRUS.
Y Inaba Y Tanaka T Kumagai T Omori H Ito M Matumoto
Jap J Microbiol 12(1):35-49
Mar 1968 448.8 J273
Biological assay, Bovine virus diarrhea virus, Cattle, Diarrhea, Livestock diseases, Myxoviruses, Newcastle disease virus, Tissue culture, Virus diseases (animals).

13958-69
REPORT ON FIVE OVINE NEOPLASMS.
C K James R Rao G A Sastry
Ceylon Vet J 15(4):138-139
Dec 1968 41.8 C33
Animal anatomy, Fibrosarcoma, Livestock diseases, Neoplasms, Papilloma, Sheep, Squamous cell sarcoma.

13959-69
BEHAVIOR OF BRUCELLA ABORTUS IN PHAGOCYTES. (FR)
L M Joubert L R Valette
Acad Vet France Bull 40(3):111-124 REF
Mar 1967 41.9 R24
Brucella abortus, Immunology, Infectious diseases, Phagocytes.

13960-69
INVESTIGATIONS ON THE ROLE OF FLIES IN THE PASSIVE TRANSMISSION OF EXPERIMENTAL MYCOSIS IN GUINEA PIGS. (POL)
F Kamyszek
Med Wet 24(3):146-148 REF
Mar 1968 41.8 M463
Animal diseases, Culture media, Diptera, Fungi, Guinea pigs, Insect vectors, Mycosis. Russian, French, English, and german summaries

13961-69
RHABDOMYOMA IN PIGS. (GE)
A Kast T Hanichen
Deut Vet Ges Ber 7:140-150 REF
08 Apr 1967 41.9 D482
Atherosclerosis, Heart, Livestock diseases, Muscles, Neoplasms, Rhabdomyoma, Swine. English summary

Abstract: One case of rhabdomyoma in pig was accompanied by leukosis and the tumor tissue was infiltrated with lymphoblasts.

13962-69
CHARACTERISTICS IN TISSUE CULTURE OF INFECTIOUS CANINE HEPATITIS VIRUS-INDUCED HAMSTER TUMOR CELLS.
T Kinjo R Yanagawa T Nishi
Jap J Vet Res 16(4):183-194
Dec 1968 41.8 V6446
Antigens, Biochemistry, Calcium chloride, Electron microscopy, Hamsters, Infectious canine hepatitis virus, Neoplasms, Oncogenic viruses, Tissue culture.

13963-69
ONCOGENICITY OF INFECTIOUS CANINE HEPATITIS VIRUS IN HAMSTERS.
T Kinjo R Yanagawa Y Fujimoto
Jap J Vet Res 16(4):145-158 REF
Dec 1968 41.8 V6446
Antigens, Hamsters, Infectious canine hepatitis virus, Neoplasms, Oncogenic viruses, Tissue culture, Virus diseases (animals).

13964-69
ANTIGENIC RELATIONSHIP AMONG STRAINS OF INFECTIOUS CANINE HEPATITIS VIRUS.
T Kinjo R Yanagawa
Jap J Vet Res 16(4):128-136 REF
Dec 1968 41.8 V6446
Antigens, Guinea pigs, Immunization, Infectious canine hepatitis virus, Serological tests, Tissue culture, Virology, Virus diseases (animals).

13965-69
A CASE OF TOXOPLASMOSIS IN A DOG.
U Klopfer T A Nobel
Refuah Vet 24(4):229-228 REF
Dec 1967 41.8 R25
Animal diseases, Animal histology, Bladder, Dogs, Liver, Lungs, Pathology, Toxoplasma gondii, Toxoplasmosis, Urogenital system.

13966-69
THE INVESTIGATION ON THE SUSCEPTIBILITY OF E. COLI STRAINS ISOLATED FROM THE AREAL CASES OF CALF COLIBACTERIOSIS TO ANTIBIOTICS AND NITROFURAN PREPARATIONS. II. THE SUSCEPTIBILITY TO NITROFURAN PREPARATIONS IN VITRO. (POL)
M Kondracki
Med Wet 24(3):169-170 REF
Mar 1968 41.8 M463
Antibiotics, Bacteriology, Biochemistry, Calves, Cattle, Colibacillosis, Escherichia coli, Immunity, Infectious diseases, Livestock diseases, Nitrofurans. Russian and French summaries

13967-69
THE SCIENTIFIC BASIS FOR THE CONTROL OF BOVINE LEUCOSIS. (GE
G Kosenberger
Deut Vet Ges Ber 7:193-199 REF
08 Apr 1967 41.9 D482
Animal physiology, Blood, Cattle, Infectious diseases, Leukemia, Livestock diseases, Lymphocytosis, Neoplastic diseases. English summary

13968-69
A NOTE ON SUCCESSFUL TREATMENT OF AN UNUSUAL EQUINE RINGWORM DUE TO TRICHOPHYTON TONSURANS VAR. SULFUREUM.
M P Kulkarni P G Chaudhari
Indian Vet J 46(5):444-446
May 1969 41.8 IN2
Animal diseases, Fungi, Horses, Human diseases, Mycosis, Ointments, Ringworm, Trichophyton tonsurans, Veterinary medicine.

13969-69
STUDY OF THE GENITAL PATHOLOGY OF CATTLE (FEMALE) KILLED IN THE SLAUGHTER HOUSES OF THE CENTER OF THE COUNTRY. (SP)
G Lago De Serrano
Rev Vet Venezolana 23(137):369-375
31 Dec 1967 41.8 R3226
Cattle, Livestock diseases, Reproductive organs, Slaughterhouses.

13970-69
REPLICATION OF VACCINIA VIRUS IN THE EMBRYONATED EGG IN THE PRESENCE OF METHISAZONE. AN ELECTRON MICROSCOPE STUDY.
B Lovas I Hollos
Acta Microbiol 16(1):47-62
1969 448.3 AC84
Embryos, Tissue culture, Vaccinia virus, Virology.

13971-69
LIPOIC ACID REQUIREMENT OF MYCOPLASMA SPECIES AVIAN STRAIN J.

P G Lund M S Shorb
J Bacteriol 94(1):279-280
Jul 1967 448.3 J82
Lipoic acid, Metabolism, Mycoplasma, Nutrition, Poultry diseases.

13972-69
TUMORS IN BIRDS. III. CARCINOMA. (SP)
E S Menchaca A N Fauquer J Frattini
Rev Med Vet (buenos Aires) 48(6):499-502 REF
1967 41.8 B86
Animal abnormalities, Animal diseases, Birds, Carcinoma, Histology, Neoplasms.

13973-69
GENETIC RESISTANCE OF CHICKENS TO LEUCOSIS. (GE)
G Monreal
Deut Vet Ges Ber 7:106-110 REF
08 Apr 1967 41.9 D482
Animal genetics, Antigens, Chickens, Immunity, Leukosis, Neoplastic diseases, Poultry diseases, Virus diseases (animals). English summary

13974-69
THE TUMOR PROBLEM FROM THE POINT OF VIEW OF THE VIROLOGIST. (GE
M Mussgay
Deut Vet Ges Ber 7:7-14 REF
08 Apr 1967 41.9 D482
Adenoviruses, Animal physiology, Antigens, Cells, Metabolism, Neoplasms, Rous sarcoma virus, Virology, Virus diseases (animals). English summary

13975-69
SEROLOGICAL RESPONSE OF CHICKENS INFECTED ARTIFICIALLY WITH SALMONELLA GALLINARUM AND TREATED WITH TIKOFURAN.
G Nagy L Fabian
Acta Vet (budapest) 18(1):53-55
1968 41.8 AC83
Agglutination test, Chickens, Correlation, Furazolidone, Injections, Poultry diseases, Salmonella gallinarum, Serological tests.

13976-69
A VIRAL DISEASE OF GOSLINGS. II. MICROSCOPIC LESIONS.
Z Nagy D Derzsy
Acta Vet (budapest) 18(1):3-16
1968 41.8 AC83
Aleutian disease, Animal histology, Epidemiology, Gcese, Microscopy, Poultry diseases, Reoviruses, Veterinary hospitals, Virus diseases (animals).

13977-69
THE PATHOLOGICAL STUDY OF PARATUBERCULOSIS IN GOATS, CENTERED AROUND THE FORMATION OF REMOTE LESIONS.
M Nakamatsu Y Fujimoto H Satoh
Jap J Vet Res 16(4):108-119 REF
Dec 1968 41.8 V6446
Animal histology, Goats, Johne's disease, Mycobacterium johnei.

13978-69
NUCLEAR MEASUREMENTS OF LYMPH-NODE PUNCTURE CELLS FROM DOGS WITH LYMPHADEMOSIS. (GE)
H Niepage
Deut Vet Ges Ber 7:185-192
08 Apr 1967 41.9 D482
Blood, Cell nucleus, Cells, Dogs, Leukemia, Lymph nodes, Lymphatic system, Lymphosarcoma, Measurement. English summary

13979-69
A STUDY OF THE ANTIANEMIC AND ZOOTECHNIC EFFICACY OF A COMPLEX IRON-DEXTRIN VITAMIN.
J Oudar M Lapras
Soc Vet Prat France Bull Mens 52(2):114-119
Feb 1968 41.9 SO12
Anemia, Dextrins, Iron, Mortality, Vitamins.

13980-69
STUDIES ON ANTI-APHTHOUS FEVER VACCINES OF LIVE VIRUS. (SP
C A Palacios
Rev Vet Venezolana 24(141):241-277 REF
30 Apr 1968 41.8 R3226
Animal vectors, Cattle, Foot-and-mouth disease, Injections, Vaccines, Virus diseases (animals).

13981-69
EFFECTS OF NUTRITION AND E. COLISEPTICEMIA ON TISSUE AND FLUID CHANGES IN CHICKS. (ABSTRACT).
B Panigraphy P E Waibel B S Pomeroy
Poultry Sci 47(5):1705-1706
Sep 1968 47.8 AM33P
Animal nutrition, Animal physiology, Chicks, Diet, Eimeria colisepticemia, Poultry diseases, Tissues. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

13982-69
HYPOSIDEROSIS AND ITS SPECIFIC THERAPEUTICS. (SP)
D J Pares Pujals
Notic Neosan 145:45-67 REF
Mar 1968 41.8 N84
Animal diseases, Animal physiology, Blood, Deficiency diseases, Dextrins, Hemoglobin, Iron, Iron compounds, Livestock diseases, Myoglobin, Siderosis, Swine, Therapeutics.

13983-69
THE ACTIVITY OF ORNITHINE-CARBAMYL TRANSFERASE IN THE BLOOD SERUM OF CALVES AND ITS DIAGNOSTIC IMPORTANCE IN THE CASE OF HEPATIC DISTURBANCES. (CZ)
J Patka J Sponar M Dvorak
Czech Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med 13(2):107-114
Feb 1968 41.9 C333
Animal anatomy, Blood serum, Calves, Cattle, Enzymes, Injuries, Liver diseases, Ornithine, Transferases. Russian, German and English summaries

13984-69
DISTINGUISHING OF M. AVIUM AND M. BOVIS INFECTION IN POULTRY BY MEANS OF SIMULTANEOUS TUBERCULINATION. (CZ)
M Pavlas
Czech Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med 13(2):69-73
Feb 1968 41.9 C333
Bacteriology, Infectious diseases, Mycobacterium avium, Mycobacterium bovis, Poultry diseases, Tuberculin. English and Russian summaries

13985-69
PRACTICAL ASPECTS IN THE APPLICATION OF IRON-DEXTRIN. (SP)
D B Perello Olivella
Notic Neosan 145:69-83
Mar 1968 41.8 N84
Animal diseascs, Animal physiology, Blood, Deficiency diseases, Dextrins, Hemoglobin, Iron, Livestock diseases, Swine, Therapeutics.

13986-69
SKIN MYCOSIS IN CATTLE AND ITS TREATMENT. (POL)
J Prost
Med Wet 24(3):148-149
Mar 1968 41.8 M463
Animal diseases, Cattle, Drug therapy, Livestock diseases, Mycosis, Skin diseases.

13987-69
THE MORPHOLOGICAL PART OF A STUDY OF THE HEMATOLOGICAL KEY FOR THE DIAGNOSING OF LEUKOSIS IN RED-SPOTTED CATTLE IN CZECHOSLOVAKIA. (CZ)
R Rademacher J Kraus
Czech Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med 13(2):83-90
Feb 1968 41.9 C333
Animal diseases, Animal morphology, Blood, Cattle, Hematology, Leukosis, Livestock diseases, Lymphocytosis. English, Russian and German summaries

13988-69
STUDIES ON MASTITIS IN CATTLE.
P V R Rao M L Naidu
Indian Vet J 46(5):370-377 REF
May 1969 41.8 IN2
Antibiotics, Bacteria, Cattle, Drug therapy, Infectious diseases, Livestock diseases, Mastitis, Milk.

Bacteria found were: Escherichia coli, Klebseilla aerogenes, Staphylococcus pyogenes, beta-haemolytic Streptococci, Pseudomonas pyocyanes, Faecalis alkaligens, and Paracolon spp.

13989-69
MYCOPLASMA INFECTION IN A WISCONSIN DAIRY HERD.
V P Rastas S M Johnston
Amer Vet Med Ass J 154(1):61
01 Jan 1969 41.8 AM3
Cattle, Culture media, Infectious diseases, Livestock diseases, Mycoplasma.

13990-69
ISOLATION OF CORYNEBACTERIUM HAEMOLYTICUM FROM A CASE OF OVINE PNEUMONIA.
R J Roberts
Vet Rec 84(19):490
10 May 1969 41.8 V641
Bacteria, Biochemistry, Corynebacterium haemolyticum, Corynebacterium pyogenes, Culture media, Human diseases, Infectious diseases, Livestock diseases, Microorganisms, Parasitism, Pleurisy, Pneumonia, Sheep.

13991-69
PREVENTION AND TREATMENT OF BOVINE PAPILLOMATOSIS. (GE)
G Rosenberger H D Grunder
Deut Vet Ges Ber 7:124-131 REF
08 Apr 1967 41.9 D482
Bovine papilloma virus, Cattle, Immunization, Livestock diseases, Mucous membrane, Neoplasms, Papovaviruses, Skin, Vaccines, Virus diseases (animals). English summary

13992-69
A CASE OF RHABDOMYOMA IN POULTRY.
R L Sah R M Sharma
Indian Vet J 46(5):377-380 REF
May 1969 41.8 IN2
Animal histology, Chickens, Muscles, Neoplasms, Poultry diseases, Rhabdomyoma.

13993-69
IMMUNOLOGIC RESPONSE WITH REFERENCE TO THE HUMORAL CHANGES IN SURRA.
J Samaddar
Indian Vet J 46(5):386-393 REF
May 1969 41.8 IN2
Animal diseases, Bacteria, Cells, Dogs, Electrophoresis, Hematology, Immunology, Infectious diseases, Leukopenia, Rabbits, Serum albumin, Surra, Trypanosoma evansi.

13994-69
STUDIES ON THE PERITONEAL EXUDATE OF ANIMALS EXPERIMENTALLY INFECTED WITH TOXOPLASMA GONDII. I. EFFECT OF HEAT ON ACTIVITY.
M A Samir
Acta Microbiol 16(1):39-46 REF
1969 448.3 AC84
Animal diseases, Mice, Temperature, Toxoplasma gondii, Toxoplasmosis.

13995-69
NEURAMINIDASE IN AVIAN INFLUENZA A VIRUS ANTIGENICALLY RELATED TO THAT OF HUMAN A0 AND A1 SUBTYPES.
G C Schild H G Pereira C H Schettler
Nature 222(5200):1299-1301 REF
28 Jun 1969 472 N21

Antigens, Enzymes, Hemagglutinin, Human diseases, Immunochemistry, Influenza viruses, Myxoviruses, Neuraminidase, Poultry diseases, Virology, Virus diseases (animals).

13996-69
THE LATEX TEST FOR THE SEROLOGICAL DIAGNOSIS OF BOVINE LEUCOSIS. (GE)
F W Schmidt
Deut Vet Ges Ber 7:174-184
08 Apr 1967 41.9 D482
Animal extracts, Antigens, Cattle, Diagnosis, Globulins, Latex, Leukemia, Livestock diseases, Lymph nodes, Serological tests, Serum. English summary

13997-69
BIOCHEMISTRY OF MALIGNANT GROWTH. (GE)
J Schole
Deut Vet Ges Ber 7:47-50
08 Apr 1967 41.9 D482
Animal physiology, Biochemistry, Cytoplasm, Flavoproteins, Hepatoma, Mitochondria, Neoplasms, Oxidation-reduction potential, Rats. English summary

Abstract: Postulated that mitochondrial damage that occurs in carcinogenesis, which is coupled with reduction of concentration of radical, results in an indirect activation of glycolysis and synthesis enzymes. The mitochondrial change seems to be irreversible; and the new type of mitochondrial is reproduced in the daughter cells.

13998-69
STUDY OF MASTITIS IN VENEZUELA. (SP)
G Semidey De Sosa
Rev Vet Venezolana 23(137):363-368
31 Dec 1967 41.8 R3226
Bacteria, Cattle, Economic conditions, Infectious diseases, Inflammation, Livestock diseases, Mastitis, Milk analysis, Staphylococcus albus, Streptococcus, Udders.

13999-69
THE PRESENCE OF EHRLICHIA OVINA-LIKE ORGANISMS IN THE MONONUCLEAR CELLS OF SHEEP IN CEYLON.
P Seneviratna M R Jainudeen
Ceylon Vet J 15(4):141
Dec 1968 41.8 C33
Bacteriology, Cells, Drug therapy, Ehrlichia ovina, Haemonchus contortus, Infectious diseases, Livestock diseases, Oxytetracycline, Sheep.

14000-69
POSSIBILITIES OF PREPARATION OF AN OIL ADJUVANT VACCINE AGAINST HAEMORRHAGIC SEPTICAEMIA OF CATTLE USING A MEDIUM PAPAIN DIGEST OF BEEF.
D S Shivdekar S P Beri
Indian Vet J 46(5):367-370 REF
May 1969 41.8 IN2
Agar, Bacteria, Cattle, Culture media, Infectious diseases, Livestock diseases, Methodology, Oils, Papain, Pasteurella multocida, Shipping fever, Sodium chloride, Vaccines, Veterinary medicine.

14001-69
COMPARATIVE STUDIES ON THE SENSITIVITY OF SOME OF THE METHODS OF COMPLEMENT FIXATION TEST COMMONLY USED FOR TYPING OF FOOT-AND-MOUTH DISEASE VIRUS.
Y F Shvetsov A C Gocl S Kumar
Indian Vet J 46(5):359-367 REF
May 1969 41.8 IN2
Antigens, Blood, Complement fixation, Foot-and-mouth disease virus, Hemolysins, Immunochemistry, Methodology, Picornaviruses, Serum, Veterinary medicine.

14002-69
INCREASED YIELDS OF STOMATITIS VIRUS FROM HAMSTER CELLS INJECTED WITH MYCOPLASMA.
S H Singer R L Kirschstein M F Barile
Nature 222(5198):1087-1088
14 Jun 1969 472 N21
Cells, Culture media, Hamsters, Laboratory animals, Mycoplasma, RNA viruses, Vesicular stomatitis virus, Virology, Virus diseases (animals).

14003-69
STUDIES ON CLINICAL SYMPTOMS AND HAEMATOLOGICAL CHANGES IN FOREIGN BODY SYNDROME IN BUFFALOES.
H Singh R Singh R C Bhalla
Indian Vet J 46(5):404-409 REF
May 1969 41.8 IN2
Buffaloes, Foreign bodies, Hematology, Leukocytosis, Livestock diseases, Neutrophils, Pericarditis, Rumenotomy, Ruminants.

14004-69
RELATIONSHIPS BETWEEN THE ROUS SARCOMA VIRUS AND AVIAN LEUCOSIS VIRUS. (GE)
F Steck
Deut Vet Ges Ber 7:81-86
08 Apr 1967 41.9 D482
Antibodies, Antigens, Avian leukosis complex viruses, Culture media, Genetics, Rous sarcoma virus, Virus diseases (animals). English summary

Abstract: Rous sarcoma virus genome may well be surrounded by different antigenic shells composed of different leukosis viruses.

14005-69
PERFORMANCE OF LAYERS FED AMPROLIUM AND NEOFERM. (ABSTRACT).
J F Stephens B D Barnett F R Fields
Poultry Sci 47(5):1721-1722
Sep 1968 47.8 AM33P
Amprolium, Animal nutrition, Animal physiology, Chickens, Diet, Eggs, Neoferm. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

14006-69
PERSISTING LYMPHOCYTOSIS AND ITS RELATION TO THE ETIOLOGY OF BOVINE LEUKOSIS. (GE)
O C Straub
Deut Vet Ges Ber 7:156-162 REF
08 Apr 1967 41.9 D482
Cattle, Cytology, Electron microscopy, Epizootic diseases, Etiology, Infectious diseases, Leukemia, Livestock diseases, Lymphocytosis, Virus diseases (animals). English summary

14007-69
BEHAVIOR OF SALMONELLAE CAUSING SPECIFIC ANIMAL PARATYPHOID IN LYSINE-DECARBOXYLASE TEST.
J Takacs
Acta Vet (budapest) 18(1):19-22
1968 41.8 AC83
Animal diseases, Bacteriology, Biological assay, Hydrochloric acid, Infectious diseases, Lysine decarboxylase, Salmonella, Salmonellosis.

14008-69
BOVINE ADENOVIRUS. I. RECOVERY OF A SEROTYPE, NAGANO, FROM JAPANESE CATTLE.
Y Tanaka Y Inaba Y Ito T Omori M Matumoto
Jap J Microbiol 12(1):77-93 REF
Mar 1968 448.8 J273
Adenoviruses, Cattle, Livestock diseases, Serological tests, Tissue culture, Virus diseases (animals).

14009-69
EQUINE PIROPLASMOSIS IN THE UNITED STATES-- A REVIEW.
W M Taylor J E Bryant J B Anderson K H Willers
Amer Vet Med Ass J 155(6):915-919 REF
15 Sep 1969 41.8 AM3
Babesia caballi, Babesia equi, Diagnosis, Drug therapy, Horses, Ixodides, Lindane, Livestock diseases, Piroplasmosis, Reviews, Toxaphene.

14010-69
THE DETECTION OF AUTOANTIBODIES TO KIDNEY TISSUE IN A DOG EXPERIMENTALLY INFECTED WITH LEPTOSPIRA CANICOLA.
M Torten S Ben-Efraim E Shenberg J Van Der Hoeden
Refuah Vet 24(4):234-230 REF
Dec 1967 41.8 R25
Antibodies, Chronic interstitial nephritis, Dogs, Kidneys, Leptospira canicola, Nephritis, Skin tests, Tissues.

14011-69
CYTOLOGICAL STUDIES IN BOVINE LEUCOSIS. (GE)
S Ueberschar
Deut Vet Ges Ber 7:163-173 REF
08 Apr 1967 41.9 D482
Cattle, Cell nucleus, Cytology, Electron microscopes, Leukemia, Livestock diseases, Lymphatic system, Lymphocytosis. English summary

14012-69
A CASE OF EQUINE LYMPHOSARCOMA.
S M Vaughan
Vet Rec 84(19):474-475
10 May 1969 41.8 V641
Autopsies, Drug therapy, Horses, Livestock diseases, Lymphatic system, Lymphosarcoma, Neoplasms, Veterinary medicine.

14013-69
CANCER VIRUS OF ANIMALS AND MEN. (SP)
G C de la Villa
Rev Vet Venezolana 25(139):71-105 REF
Feb 1968 41.8 R3226
Animal diseases, Cancer, Human diseases, Leukemia, Lymph, Neoplasms, Nucleic acids, Oncogenic viruses, Virus diseases (animals).

14014-69
ON THE PROBLEM OF LEUKOSES (HEMOBLASTOSES) OF THE RETICULAR ORDER IN ANIMALS FOR SLAUGHTER. (CZ)
J Vitovec
Czech Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med 13(2):91-96
Feb 1968 41.9 C333
Animals, Eosinophils, Histology, Leukosis, Lymphosarcoma, Neoplastic diseases, Polymorphism, Reticulosarcoma, Slaughtering. English, Russian and German summaries

14015-69
MALIGNANT MAMMARY TUMOURS TO THE BITCH WITH SPECIAL REFERENCE TO PROGNOSIS. (GE)
J Von Sandersleben
Deut Vet Ges Ber 7:111-115 REF
08 Apr 1967 41.9 D482
Animal diseases, Animal physiology, Carcinoma, Diagnosis, Dogs, Lymphatic system, Mammary glands, Metastasis, Neoplasms, Sarcoma. English summary

14016-69
DIPLOCOCCUS PNEUMONIAE. A COMPARATIVE STUDY ON THE ANTIBIOTICS EFFECTIVENESS IN VITRO AND IN VIVO. (CZ)
F Vymola O Lochman
Cesk Epidemiol Mikrobiol Imunol 16(2):105-111
Mar 1967 448.8 C332
Ampicillin, Antibiotics, Diplococcus pneumoniae, Erythromycin, Penicillin, Tissue culture. Russian and english abstracts.

14017-69
THE FORMAL GENESIS OF LEUCOSIS AND RNA TUMOURS IN THE OX, DOG AND CAT. (GE)
E Weiss
Deut Vet Ges Ber 7:151-155
08 Apr 1967 41.9 D482
Cats, Dogs, Draft cattle, Leukosis, Lymphatic system, Lymphosarcoma, Neoplasms, RNA viruses, Virus diseases (animals). English summary

14018-69
INFECTIOUS BOVINE KERATO-CONJUNCTIVITIS: A REVIEW.
G E Wilcox
Vet Bull 38(6):349-360 REF
Jun 1968 41.8 T752
Anaerobic bacteria, Cattle, Human diseases, Infectious diseases, Injections, Keratitis, Keratoconjunctivitis, Livestock diseases, Moraxella bovis, Radiation, Temperature, Veterinary hospitals.

14019-69
CHARACTERISTICS OF CORYNEBACTERIUM RENALE PHAGE.
R Yanagawa M Shinagawa
Jap J Vet Res 16(4):137-143 REF
Dec 1968 41.8 V6446
Bacteriology, Bacteriolysis, Corynebacterium, Deoxyribonucleic acid, Morphology, Plaque, Serological tests.

14020-69
LYSOGENY IN CORYNEBACTERIUM RENALE.
R Yanagawa M Shinagawa K Nerome
Jap J Vet Res 16(4):121-127
Dec 1968 41.8 V6446
Bacteriology, Bacteriolysis, Cattle, Corynebacterium, Livestock diseases, Ultraviolet rays.

14021-69
DIFFUSION IN THE UDDER OF DYES AND ANTIBIOTICS DISSOLVED IN DIMETHYL SULFOXIDE (DMSO).
G Ziv
Refuah Vet 24(4):244-235 REF
Dec 1967 41.8 R25
Antibiotics, Cattle, Colorimetry, Diffusion, Dimethyl sulfoxide, Dyes, Mammary glands, Mastitis, Milk analysis, Pseudomonas aeruginosa, Sheep, Staphylococcus aureus, Streptococcus dysgalactiae, Udders.

PARASITES

14022-69
LIFE CYCLE, PATHOGENICITY AND IMMUNOGENICITY OF CHABERTIA OVINA.
R P Herd J H Arundel
Vet Rec 84(19):487-488
10 May 1969 41.8 V641
Anemia, Biology, Chabertia ovina, Helminths, Immunization, Intestines, Larvae, Microorganisms, Neutrophils, Parasitism, Sheep.

14023-69
LIVER FLUKE DISEASE APPEARS TO BE SPREADING.
J W Moxham R H Ansell P Gallagher
New Zeal J Agr 119(2):34-35,37
Aug 1969 23 N48J
Animal vectors, Cattle, Fasciola hepatica, Pathology, Sheep, Surveys, Trematoda.

14024-69
OBLIQUELY STRAITED MUSCLE. III. CONTRACTION MECHANISM OF ASCARIS BODY MUSCLE.
J Rosenbluth
J Cell Biol 34(1):15-33 REF
Jul 1967 442.8 J828
Ascaris, Electron microscopy, Muscles, Physiology.

14025-69
EARTHWORMS, EUTYPHEUS WALTONI AND PHERETIMA SP. AS TRANSPORT-HOSTS OF SWINE KIDNEY WORM, STEPHANURUS DENTATUS IN BIHAR, INDIA.
B K Sinha
Ceylon Vet J 15(4):130-132 REF
Dec 1968 41.8 C33
Earthworms, Gastrointestinal system, Helminthiasis, Larvae, Morphology, Parasitism, Stephanurus dentatus, Swine.

14026-69
IDENTIFICATION KEY TO THE LEECH (HIRUDINOIDEA) GENERA OF THE WORLD, WITH A CATALOGUE OF THE SPECIES. VI. FAMILY: GLOSSIPHONIIDAE.
A Soos
Acta Zool (Budapest) 15(3-4):397-454 REF
1969 410 AC85
Catalogs, Hirudinea, Taxonomy, Zoogeography.

14027-69
TRANSMAMMARY PASSAGE OF NEMATODE LARVAL INFESTATION.
W M Stone M H Girardeau
Clin Vet 90(4):271
Apr 1968 41.8 C61
Ancylostoma caninum, Larvae, Mammary glands, Nematodes, Parasitism, Strongyloides, Uncinaria.

14028-69
VACCINATION AGAINST SYNGAMOSIS IN CHICKS, YOUNG PHEASANTS AND TURKEY-POULTS. (CZ)
K Ziegler
Czech Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med 13(2):97-105
Feb 1968 41.9 C333
Chickens, Immunization, Irradiation, Larvae, Nematodes, Parasitism, Pheasants, Poultry diseases, Syngamosis, Temperature, Turkeys, Vaccines. Russian, English and German summaries

COMMODITY PROTECTION

14029-69
EDTA TITRATION OF CALCIUM AND MAGNESIUM: DETERMINATION OF CALCIUM IN CANNED VEGETABLES.
E F Steagall
Ass Offic Anal Chem J 51(4):796-799
Jul 1968 381 AS7
Calcium, Canned food, Drug plants, Ethylenediaminetetraacetic acid, Laboratories, Magnesium, Vegetables, Vitamins, Volumetric analysis.

STORAGE DISEASES

14030-69
STUDIES ON BOTRYTIS ALLII MUNN.. THE CAUSE OF NECK ROT OF ONION BULBS IN U.A.R.. III. RELATION OF SOME CULTURE PRACTICES TO SUBSEQUENT INCIDENCE OF NECK ROT ON STORAGE.
M Kamel
Cairo Ain Shams Univ Fac Agr Bull 16(1):335-355 REF
1969 24 C122
Botrytis allii, Fungus diseases (plants), Irrigation, Light, Onions, Storage diseases.

ARTHROPODS

14031-69
FLY AND ECONOMIC EVALUATION OF URBAN REFUSE SYSTEMS. I. CONTROL OF GREEN BLOW FLIES (PHAENICIA) BY IMPROVED METHODS OF RESIDENTIAL REFUSE STORAGE AND COLLECTION.
D H Ecke D D Linsdale
Calif Vector Views 14(4):1-27 REF
Apr 1967 449.8 C12
Diptera, Garbage, Insect control, Phaenicia, Refuse disposal.

14032-69
URIC ACID AS AN INDEX OF INSECT INFESTATION IN FLOUR.
N P Sen
Ass Offic Anal Chem J 51(4):785-791
Jul 1968 381 AS7
Correlation, Decomposition, Flour, Food inspection, Insect infestation, Insect morphology, Larvae, Methanol, Pupae, Tribolium castaneum, Uric acid.

14033-69
FLY LARVAL MIGRATION FROM RESIDENTIAL REFUSE CONTAINERS IN THE CITY OF FRESNO.
J D Walsh D D Linsdale K E White R E Bergstrom
Calif Vector Views 15(6):55-62 REF
Jun 1968 449.8 C12
Household pests, Insect migration, Larvae, Phaenicia, Refuse disposal, Surveys.

14034-69
INSECTS ATTRACTED TO ARGON LIGHT TRAPS IN CALIFORNIA WINERIES.
A P Yerington
Calif Vector Views 14(8):52-55
Aug 1967 449.8 C12
Argon, Carpophilus, Drosophilidae, Insects, Light traps, Wine manufacture.

MICROBIAL CONTAMINATION

14035-69
DIFFERENTIAL RESPONSES OF SINGLE CELLS AND AGGREGATES OF MYCOPLASMAS TO ULTRAVIOLET IRRADIATION.
G Furness
Appl Microbiol 18(3): 360-364 REF
Sep 1969 448.3 AP5
Bacteriology, Mycoplasma, Ultraviolet rays.

14036-69
COAGULATION POSITIVE STAPHYLOCOCCUS FROM COW'S MILK. III. COMPARISON WITH A STRAIN PATHOGENIC TO MAN. (GE)
W von Gedek
Arch Lebensmittelhyg 19(1):7-11 REF
Jan 1968 41.8 L49
Bacteriology, Blood coagulation, Dairy products, Food contamination, Human diseases, Milk, Staphylococcus.

14037-69
BACTERIOLOGICAL CONTROL OF ICE CREAM MANUFACTURE. PART 1. INTRODUCTION AND RAW MATERIALS.
T P Lloyd
Dairy Indus 34(4):199-202
Apr 1969 44.8 D1427
Bacteriology, Butter, Chocolate, Confectionery, Dairy products, Food contamination, Food preservatives, Fruit, Ice cream, Milk, Nuts, Oils, Raw materials, Sanitation, Sugar. French, German, and Spanish summaries.

14038-69
THE ADDITIONAL FACTOR INCREASING THE NUMBER OF BACTERIA IN PASTEURIZED HAMS. (POL)
L Ogielski K Sylwester Z Zawadzki
Med Wet 24(3):174-175
Mar 1968 41.8 M463
Autoclaves, Bacteria, Food contamination, Ham, Pasteurization, Sterilization. English and Russian summaries

14039-69
A REPORT OF CANTHARIASIS AND ALLERGY CAUSED BY TROGODERMA (COLEOPTERA: DERMESTIDAE).
G T Okumura
Calif Vector Views 14(3):19-22
Mar 1967 449.8 C12
Allergies, Cantharides, Coleoptera, Dermestidae, Food contamination, Human diseases, Insects, Laboratories, Larvae, Reports, Trogoderma glabrum, Trogoderma ornata, Trogoderma parabile.

14040-69
RECOMMENDED CHANGES IN THE METHOD FOR DETECTION AND IDENTIFICATION OF SALMONELLA IN EGG PRODUCTS.
P L Poelma
Ass Offic Anal Chem J 51(4):870-872
Jul 1968 381 AS7
Culture media, Eggs, Fermentation, Food contamination, Lactose, Methodology, Salmonella, Sucrose.

14041-69
FURTHER INVESTIGATIONS OF THE POSSIBILITY OF SURVIVAL OF TOXOPLASMA IN HAM. (GE)
E Scupin
Arch Lebensmittelhyg 19(1):11-13 REF
Jan 1968 41.8 L49
Food contamination, Ham, Human diseases, Toxoplasmosis.

14042-69
BEHAVIOR OF SOME GERMS AND BACTERIAL TOXINS PATHOGENIC TO MAN IN FOOD AND ITS DESTRUCTION THROUGH HEAT TREATMENT OF THE FOOD. I. SALMONELLA. (GE)
D von Streichan
Arch Lebensmittelhyg 19(1):14-17
Jan 1968 41.8 L49
Bacteria, Food contamination, Food sanitation, Heat, Human diseases, Microorganisms, Salmonella bacterins, Toxins.

ENVIRONMENTAL CONTAMINATION

14043-69
ARE FERTILIZERS POLLUTING OUR WATER
.
R Coffman
Farm J West Ed 93(5):19, 36-37, 46
May 1969 6 F2212W
Farm management, Fertilizers, Nitrogen, Water pollution.

RESIDUES

14044-69
THE EFFECT OF HERBICIDES ON SOIL MICROFLORA. VI. THE EFFECT OF PH ON SUSCEPTIBILITY OF SOME BACTERIA TO HERBICIDES.
N Balicka
Acta Microbiol Polon (SER B)1(2):43-45
1969 448.3 AC82
Herbicide residues, Herbicides, Hydrogen-ion concentration, Physiology, Soil microorganisms, Toxicology.

14045-69
SPECTROPHOTOFLUORESCENT AND SPECTROPHOTOPHOSPHORESCENT DATA ON INSECTICIDAL CARBAMATES AND THE ANALYSIS OF FIVE CARBAMATES IN MILK BY SPECTROPHOTOFLUOROMETRY.
M C Bowman M Beroza
Residue Rev 17:23-34 REF
1967 389.9 R314
Carbamates, Chemical analysis, Chromatography, Insecticide residues, Milk, Spectrophotofluorometry.

14046-69
COMMON MARKET APPROACHES TO HARMONIZATION OF FOOD LAWS IN THE FIELD OF PESTICIDE RESIDUES.
D V den Bruel
Residue Rev 17:73-79 REF
1967 389.9 R314
Food, Legislation, Pesticide residues.

14047-69
DETERMINATION OF DICOFOL (KELTHANE) RESIDUES IN FRUITS AND VEGETABLES.
E L Gunderson
Ass Offic Anal Chem J 51(4):899-900 REF
Jul 1968 381 AS7
Acaricides, Benzidine test, Chlorinated hydrocarbons, Colorimetry, Crops, Dicofol, Extracts, Formic acid, Fruit, Hydrogen-ion concentration, Pesticide residues, Pyridine, Spectrophotometry, Vegetables.

14048-69
RESIDUE BEHAVIOR OF POLYNUCLEAR HYDROCARBONS ON AND IN ORANGES.
F A Gunther F Buzzetti W E Westlake
Residue Rev 17:81-104 REF
1967 389.9 R314
Anthracene, Carcinogens, Oranges, Pyrene, Residues.

14049-69
EFFECT OF THE HERBICIDE TRIFLURALIN ON NITROGEN-FIXATION IN RHIZOBIUM AND AZOTOBACTER AND ON NITRIFICATION.
Y A Hamdi M S Tewfik
Acta Microbiol Polon (SER B)1(2):53-57
1969 448.3 AC82
Azotobacter, Herbicides, Nitrification, Physiology, Rhizobium, Soil microorganisms, Toxicology, Trifluralin.

14050-69
DECOMPOSITION OF THE HERBICIDE TRIFLURALIN BY A PSEUDOMONAD.
Y A Hamdi M S Tewfik
Acta Microbiol Polon (SER B)1(2):83-84
1969 448.3 AC82
Decomposition, Herbicide residues, Herbicides, Pseudomonads, Trifluralin.

14051-69
THE EFFECT OF HERBICIDES ON SOIL MICROFLORA. VII. RESPIRATION OF BACTERIA ISOLATED FROM MAIZE RHIZOSPHERE.
S Karpiak H Iwanowski
Acta Microbiol Polon (SER B)1(2):47-52
1969 448.3 AC82
Corn, Herbicides, Respiration, Rhizosphere, Soil microorganisms.

14052-69
INVESTIGATION OF THE HARMFUL EFFECT OF THE RESIDUE FROM SOME HERBICIDES ON OATS. (SE)
M Misovic D Bozic
Agrohemija 11-12:501-506
Nov 1967 385 AG87
Atrazine, Crop yields, Herbicide residues, Herbicides, Oats, Simazine, Soil analysis, Vegetation. English summary

14053-69
RESIDUE STUDIES OF FENTHION (BAYTEX) AND DURSBAN IN CENTRAL CALIFORNIA PASTURES.
C M Myers L L Lewallen B Nobe
Calif Vector Views 15(5):51-53
May 1968 449.8 C12
Aerial spraying, Diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate, O,O -, Fenthion, Grasses, Insecticide residues, Organophosphorus compounds, Pastures, Soils.

14054-69
THE METABOLISM OF CONTACT INSECTICIDES IN STORED GRAINS.
D G Rowlands
Residue Rev 17:105-177 REF
1967 389.9 R314
Chlorinated hydrocarbons, Degradation, Grain, Insecticide residues, Metabolism, Organophosphorus compounds, Penetration.

14055-69
SCREENING METHODS FOR ORGANOCHLORINE AND ORGANOPHOSPHATE INSECTICIDES IN FOODS AND FEEDS.
B L Samuel H K Hodges
Residue Rev 17:35-72 REF
1967 389.9 R314
Chlorinated hydrocarbons, Chromatography, Feed, Food residues, Insecticide residues, Organophosphorus compounds, Surveys.

14056-69
THE EFFECT OF HERBICIDES ON SOIL MICROFLORA. V. GROWTH AND ACTIVITY OF CELLULOLYTIC MICROORGANISMS.
J Sobieszczanski
Acta Microbiol Polon (SER B)1(2):39-42
1969 448.3 AC82
Cellulose, Herbicide residues, Herbicides, Physiology, Soil microorganisms.

14057-69
A NEW FLASH INJECTOR FOR GAS CHROMATOGRAPHY OF ORGANOPHOSPHORUS INSECTICIDES.
J Solomon
Ass Offic Anal Chem J 51(4):883-888
Jul 1968 381 AS7
Chromatography, Extracts, Glass wool, Injections, Insecticide residues, Ionization, Organophosphorus compounds, Solvents.

14058-69
CONTAMINATION OF CEREALS BY RADIONUCLIDES FROM FALLOUT.
P Spillane
Farm Res News 9(5,SEP/OCT):117-119
1968 10.5 F223
Food contamination, Grain, Radioactive contamination, Strontium isotopes.

14059-69
EXTRACTION PROCEDURES FOR DDT RESIDUES IN FIRM FRUITS AND IN HAY: COLORIMETRIC METHOD.
M Wilderman H Shuman
Ass Offic Anal Chem J 51(4):892-895
Jul 1968 381 AS7
Chlorinated hydrocarbons, Colorimetry, DDT, Extracts, Fruits, Hay, Hexane, Isopropyl alcohol, Pesticide residues, Sampling (statistics), Tissues, Vegetables, Water.

TOXICOLOGY

14060-69
ZEBRA FISH EGGS AND LARVAE AS AFLATOXIN BIOASSAY TEST ORGANISMS.
Z H Abedi W P McKinley
Ass Offic Anal Chem J 51(4):902-905 REF
Jul 1968 381 AS7
Aflatoxin, Biological assay, Ducklings, Fish, Laboratories, Larvae, Mortality, Pesticides, Roe, Tissue culture, Toxicology.

14061-69
TEMPERATURE DOSE RELATIONSHIPS WITH AFLATOXIN ON THE BRINE SHRIMP, ARTEMIA SALINA.
R F Brown J D Wildman R M Eppley
Ass Offic Anal Chem J 51(4):905-906
Jul 1968 381 AS7
Aflatoxin, Chromatography, Mortality, Shrimps, Temperature, Water.

14062-69
SECTION I.--INSECT CONTROL.
W V Campbell J Falter R L Robertson J R Bradley C G Wright
N C Pesticide Manual 00(00):1-72
1969 79.8 N81
Accident prevention, Fumigants, Insect pests, Insecticides, Lethal dose, Mammals, Rats, Surveys, Toxicology.

14063-69
THE INTERACTION OF PESTICIDES WITH OTHER FACTORS.
W F Durham
Residue Rev 18:21-103 REF
1967 389.9 R314
Carbamates, Chlorinated hydrocarbons, Enzymes, Fungicides, Herbicides, Mammals, Metabolism, Organophosphorus compounds, Pesticides, Synergists, Toxicology.

14064-69
THE METABOLISM OF PESTICIDES IN MAMMALS. (GE)
W Ernst
Residue Rev 18:131-157 REF
1967 389.9 R314
Carbamates, Chlorinated hydrocarbons, Mammals, Metabolism, Organophosphorus compounds, Triazines.

14065-69
PRELIMINARY STUDIES ON THE ANTIMALARIAL ACTIVITY OF SDDS (2-SULFAMOYL-4, 4'-DIAMINODIPHENYLSULFONE) AGAINST PLASMODIUM BERGHEI AND PLASMODIUM GALLINACEUM.
A Ishii M Sasa H Chinzei S Ohshima H Tanaka Y Inami
Jap J Exp Med 37(4):301-321 REF
Aug 1967 448.8 J272
Chicks, Dosage, Drug therapy, Immunity, Injections, Malaria control, Mice, Plasmodium berghei, Plasmodium gallinaceum, Sulfamoyl-4,4'-diaminodiphenyl sulfone, 2-, Toxicology.

14066-69
THE EFFECTS OF POLYCHLOROBIPHENYLS ON CHORTHIPPUS BRUNNEUS (SALTATORIA: ACRIDIDAE).
F Moriarty
Entomol Exp Appl 12(2):206-210
1969 421 EN895
Biphenyl, Chemical control (insects), Chlorinated hydrocarbons, Chorthippus, Insect biochemistry, Toxicology.

14067-69
THE RELATIONSHIP BETWEEN CHEMICAL STRUCTURE, FUNGICIDE PROPERTIES AND TOXICITY FOR MAMMALS OF SOME ARSENIC ORGANIC COMPOUNDS. (RUS)
I D Neklesova N V Egorova M A Kudrina
Akad Nauk Sssr Izv Ser Khim (9):1994-1998
1967 511 SA2C
Arsenic compounds, Chemical structure, Fungicides, Organic compounds, Toxicology.

14068-69
AFLATOXIN B1 HEMIACETAL.
A E Pohland M E Cushmac P J Andrellos
Ass Offic Anal Chem J 51(4):907-910
Jul 1968 381 AS7
Acids, Aflatoxin B1, Chickens, Tissue culture, Water.

14069-69
PHYTOTOXICITY OF SPORIDESMIN.
D E Wright
New Zeal J Agr Res 12(2):271-274
May 1969 23 N4892
Holcus, Lolium perenne, Mustard, Plant physiology, Red clover, Seed germination, Sporidesmin, Toxins, Ultraviolet rays.

PLANT PHYSIOLOGY & BIOCHEMISTRY

14070-69
EFFECTS OF (2-CHLOROETHYL) TRIMETHYL AMMONIUM CHLORIDE (CCC) ON HYOSCYAMUS ALBUS PLANTS.
M C Andries S S Lamba
Phyton (vicente Lopez) 24(1):1-6
May 1967 450 P567
Aerial roots, Alkaloids, Chloroethyl)trimethylammonium chloride, (2-, Datura stramonium, Hyoscyamus, Nodules (plants), Plant biochemistry, Plant physiology, Plants.

14071-69
EFFECT OF GIBBERELLIN ON THE GROWTH, DEVELOPMENT, CROP YIELD AND SOME ASPECTS OF METABOLISM OF SUMMEL VETCH, FIELD BEAN, PEA AND SOYA UNDER VARIOUS NUTRIENT CONDITIONS. (RUS)
A A Avetisian
Fiziol Rast 15(1):52-62 REF
Jan 1968 450 F58
Beans, Crop yields, Gibberellins, Growth factors, Nutrient solutions (plants), Peas, Plant hormones, Plant metabolism, Plant physiology, Plant regulators, Soybeans, Vetch. English summary

14072-69
TESTS ON INDUCED DISTURBANCES OF PLANT REGULATORS ON THE FRUIT OF THE TOMATO PLANT CV. 'SUPER-MARMAMDE'.
G Bestagno R Gigante
Riv Patol Veg (SER.4)2(3):159-183
Apr 1967 464.8 R52
Crop varieties, Naphthaleneacetic acid, Plant physiology, Plant regulators, Tomatoes.

14073-69
EFFECT OF GIBBERELLIC ACID ON FRUIT SETTING OF WASHINGTON NAVEL ORANGES.
M M El-Azzouni G R Stino E E Salem
Cairo Ain Shams Univ Fac Agr Bull 16(2):7-18 REF
1969 24 C122
Fruit setting, Gibberellic acid, Oranges, Plant regulators.

14074-69
LEAF CHARACTERS OF TALL AND SHORT LINES OF RICE AND THEIR RESPONSE TO GIBBERELIN.
J Harada K Wada
Tohoku J Agr Res 19(1):27-31
Jun 1968 22.5 T574
Crop varieties, Gibberellins, Leaves, Plant physiology, Rice.

14075-69
GIBBERELLIN RESPONSE OF DWARF MUTANTS OF RICE.
J Harada K Wada
Tohoku J Agr Res 19(1):19-26 REF
Jun 1968 22.5 T574
Crop varieties, Gibberellins, Plant biochemistry, Plant physiology, Rice.

14076-69
THE INFLUENCE OF ALAR (N-DIMETHYLAMINOSUCCINAMIC ACID) ON MATURATION OF APPLES AND PEARS.
T Johnson D R Dilley
Mich State Hort Soc Annu Rep 101-105
1968 81 M58
Apples, Pears, Plant biochemistry, Plant physiology, Succinic acid, 2,2-dimethylhydrazide.

14077-69
INFLUENCE OF PLANTING TIME ON PHYTOTOXICITY OF DICHLOROPROPENES TO SUGARBEETS.
E C Jorgenson
Plant Dis Rep 53(8):629-630
Aug 1969 1.9 P69P
Chemical control (nematodes), Chlorinated hydrocarbons, Dichloropropene compounds, Heterodera schachtii, Nematocides, Plant injuries, Plant nematodes, Planting date, Sugar beets.

14078-69
CYTOKININ ACTIVITY AND CHEMICAL STRUCTURE OF CERTAIN DERIVATIVES OF N-ALLYL-N'-PHENYLTHIOUREA.
E Karanov I Ivanova G Vasilev
Soviet Plant Physiol 15(3,MAY-JUN):363-367 REF
1968 450 F58AE
Chlorophylls, Cytokinins, Plant biochemistry, Plant physiology, Plant regulators, Thiourea compounds. Translated from Fiziologiya Rastenii, 15(3,May-Jun):430-435, 1968. Original article in Russian.

14079-69
INVESTIGATION OF NATURAL AUXINS AND GROWTH INHIBITORS.
V I Kefeli R K Turetskaya
Soviet Plant Physiol 15(3,MAY-JUN):479-486 REF
1968 450 F58AE
Methodology, Plant biochemistry, Plant growth inhibitors, Plant hormones, Plant physiology, Plant regulators. Translated from Fiziologiya Rastenii, 15(3,May-Jun):569-577, 1968. Original article in Russian.

14080-69
DELAY OF THE YELLOWING OF BARLEY LEAVES ON THE PLANT BY PHYTOHORMONE TREATMENT.
O N Kulaeva O I Devyatko
Soviet Plant Physiol 16(2,MAR-APR):234-237 REF
Apr 1969 450 F58AE
Barley, Cytokinins, Gibberellins, Plant hormones, Plant physiology, Plant regulators, Yellows. Russian journal Fiziologiya Rastenii, 16(2):282-289 Mar-Apr 1969.

14081-69
ON SOME FEATURES OF THE EFFECT OF HETEROAUXIN ON THE GROWTH OF CELLS IN THE ELONGATION PHASE. YAKUSHKINA, N I. (RUS)
I A Kulakova
Fiziol Rast 15(1):47-51 REF
Jan 1968 450 F58
Cells, Dinitrophenols, Growth factors, Indoleacetic acid, Peas, Phosphorylation, Plant growth inhibitors, Plant hormones, Plant physiology, Plant regulators. English summary

14082-69
EFFECT OF SOIL TYPE ON UPTAKE OF MAGNESIUM BY PASTURE PLANTS.
K J McNaught T E Ludecke
New Zeal Soc Anim Prod 27(0):121-125
07 Feb 1967 49.9 N483
Adsorption, Biochemistry, Dolomites, Magnesium, Pastures, Plant biochemistry, Plant translocation, Pumice, Soil series, Superphosphates.

14083-69
A RESULT OF ETHYLENE IMINE TREATMENT IN MALTING BARLEY. (JA
M Muramatsu
Gamma Field Symp 5:83-94
1966 442.9 H79
Barley, Ethylenimine, Gamma rays, Malting barley, Plant abnormalities, Plant biochemistry, Plant mutation, Therapeutics. Japanese summary

14084-69
EFFECT OF RETARDANT CCC ON GROWTH AND MORPHOGENESIS OF FRUIT TREE SAPLINGS.
Nekrasova
Soviet Plant Physiol 16(2,MAR-APR):238-244 REF
Apr 1969 450 F58AE
Apricots, Chloroethyl)trimethylammonium chloride, (2-, Fruit, Lemons, Peaches, Plant physiology, Plant regulators. Russian journal Fiziologiya Rastenii, 16(2):293-302, Mar-Apr 1969.

14085-69
EFFICIENCY OF MUTATION INDUCED BY THE ABSORPTION OF BETA EMITTING RADIOISOTOPES IN PLANTS. (JA)
Y Onozawa
Gamma Field Symp 5:13-24
1966 442.9 H79
Absorption, Beta rays, Plant biochemistry, Plant breeding, Plant mutation, Plants, Radioisotopes. Japanese summary

14086-69
COMPARISON OF MUTAGENIC EFFECTS OF ETHYLENE-IMINE AND IONIZING RADIATIONS ON RICE. (JA)
K Osone
Gamma Field Symp 5:53-62
1966 442.9 H79
Ethylenimine, Ionization, Irradiation, Plant abnormalities, Plant biochemistry, Plant mutation, Rice. Japanese summary

14087-69
THE EFFECT OF GIBBERELLIN AND AUXIN ON IAA OXIDASE AND PEROXIDASE ACTIVITY IN MESOCOTYL CUTTINGS OF CORN.
V V Polevoi M A Stroganova
Soviet Plant Physiol 15(3,MAY-JUN):469-471 REF
1968 450 F58AE
Corn, Enzymes, Gibberellins, Indoleacetic acid, Oxidases, Peroxidases, Plant biochemistry, Plant cuttings, Plant growth inhibitors, Plant hormones, Plant physiology, Plant regulators. Translated from Fiziologiya Rastenii, 15(3,May-Jun):561-563, 1968. Original article in Russian.

14088-69
EFFECT OF PRE-HARVEST SPRAY OF ALPHA-NAPHTHALENE ACETIC ACID AND PARA-CHLORO PHENOXYACETIC ACID ON CONTROL OF BERRY DROP IN ANAB-E-SHAHI GRAPES (VITIS VINIFERA LINN.).
M M Rad P Narasimham N Nagaraja B Anandaswamy
Journeyman Boker 5(3):127-128
Oct 1968 389.8 J823
Berry drop, Chlorophenoxyacetic acid, 4-, Dosage, Grapes, Naphthaleneacetic acid, 1-, Plant growth regulator, Spraying.

14089-69
DETOXIFICATION OF 2,4-D IN PLANTS DEPENDING UPON THE PECULIARITIES OF ITS APPLICATION.
Y V Rakitin T P Mikhailova
Soviet Plant Physiol 15(3,MAY-JUN):417-421 REF
1968 450 F58AE
D, 2,4-, Herbicides, Leaves, Pesticide application, Phenoxy acid compounds, Plant biochemistry, Raphanus raphanistrum, Roots, Toxicology, Wheat. Translated from Fiziologiya Rastenii, 15(3,May-Jun):498-504, 1968. Original article in Russian.

14090-69
ROLE OF 2,4-DICHLOROPHENOXYACETIC ACID AND OF MYO-INOSITOL IN THE FORMATION OF THE CALLUS ON EXCISED ROOTS OF SOLANUM LACINIATUM AIT.
J Rerabek
Biol Plant 9(4):285-291
1967 450 B52
Biochemistry, Callus (plants), Culture media, D, 2,4-, Inositol, Phenoxy acid compounds, Plant nutrition, Plant physiology, Roots, Solanum. Czechoslovakian and Hebrew summaries

14091-69
STUDIES ON THE MOLYBDENUM AVAILABILITY. PART II. THE EFFECT OF MOLYBDENUM AND CALCIUM TREATMENT ON THE UPTAKE OF MOLYBDENUM BY PLANTS. (POL)
M Ruszkowska
Inst Uprawy Nawozenia Gleboznawstwa Pam Pulawski 33:31-52 REF
1968 64.9 IN7
Calcium, Deficiency diseases, Micronutrients, Molybdenum, Plant biochemistry, Plant nutrition. English and Russian summaries.

14092-69
INDUCTION OF MUTANTS IN SWEET POTATO BY ABSORPTION OF 32P. (JA
K Sakai
Gamma Field Symp 5:25-38
1966 442.9 H79
Absorption, Isotopes, Phosphorus, Plant abnormalities, Plant biochemistry, Plant mutation, Sweetpotatoes. Japanese summary

14093-69
INDUCTION OF MUTATIONS IN RICE BY SOME CHEMICALS. (JA)
H Sato
Gamma Field Symp 5:71-81
1966 442.9 H79
Chemicals, Plant abnormalities, Plant biochemistry, Plant mutation, Rice. Japanese summary

14094-69
INFLUENCE OF CO60 GAMMA RADIATION ON THE WATER REGIME AND DROUGHT RESISTANCE OF PEPPERMINT PLANTS.
V N Savin O G Stepanenko
Soviet Plant Physiol 15(3,MAY-JUN):457-461 REF
1968 450 F58AE
Cobalt isotopes, Drought resistant plants, Gamma rays, Irradiation, Mentha piperita, Plant biochemistry, Plant growth inhibitors, Plant metabolism, Plant physiology, Plant water relations, Radioactive isotopes, Water. Translated from Fiziologiya Rastenii, 15(3,May-Jun):546-551, 1968. Original article in Russian.

14095-69
SEPARATION OF GROWTH REGULATORS FROM PICEA ABIES KARST. ON SEPHADEX LH-20.
I Steen L Eliasson
J Chromatography 43(4):558-560
23 Sep 1969 475 J824
Chromatography, Herbicide residues, Picea, Plant growth regulator.

14096-69
EFFECT OF (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE (CCC) AND GIBBERELLIC ACID (GA3) ON THE FLOWERING OF CHENOPODIUM RUBRUM L.
L Teltscherova H Havlickova J Krekule
Biol Plant 9(4):317-320
1967 450 B52
Chenopodium rubrum, Chloroethyl)trimethylammonium chloride, (2-, Flowers, Gibberellic acid, Plant biochemistry, Plant growth inhibitors, Plant physiology, Plant regulators. Czechoslovakian and Hebrew summaries

14097-69
BIOSYNTHESIS OF SPORIDESMIN FROM AMINO ACIDS.
N R Towers D E Wright
New Zeal J Agr Res 12(2):275-280
May 1969 23 N4892
Alanine, Amino acids, Biochemistry, Carbon-14, Pithomyces chartarum, Sporidesmin, Synthesis, Toxins, Tryptophan.

14098-69
THE ACTION OF I-ALKYL-I-NITROSOUREAS AND I-ALKY-3-NITRO-I-NITROSOGUANIDINES ON THE MI GENERATION OF BARLEY AND ARADIDOPSIS THALIANA (L.) HEYNH.
J Veleminsky T Gichner V Pokorny
Biol Plant 9(4):249-262
1967 450 B52
Barley, Guanidine compounds, Nitroso compounds, Plant biochemistry, Plant physiology, Urea compounds. Czechoslovakian and Hebrew summaries

14099-69
HOW TO OBTAIN MAXIMUM BENEFITS FROM USE OF ALAR EXPLAINED BY DR. MAX W. WILLIAMS AT HORTICULTURAL ASSOCIATION MEET.
M W Williams
Better Fruit 63(3):9-10,13
Jan 1969 80 B46
Apples, Plant injuries, Plant physiology, Plant regulators, Spraying, Succinic acid, 2,2-dimethylhydrazide.

14100-69
MUTAGENIC EFFECTS OF SEVERAL ALKYLATING SUBSTANCES IN RICE WITH REFERENCE TO THE METHOD OF TREATMENT. (JA)
H Yamagata
Gamma Field Symp 5:63-69
1966 442.9 H79
Alkylation, Plant abnormalities, Plant biochemistry, Plant genetics, Plant mutation, Rice, Therapeutics. Japanese summary

14101-69
RELATIVE RADIOSENSITIVITIES OF THREE DEVELOPMENTAL STAGES, I.E., FLORAL DEVELOPMENT, GAMETOGENESIS AND EMBRYOGENESIS UNDER CHRONIC GAMMA IRRADIATION. (JA)
K Yamakawa
Gamma Field Symp 5:91-122 REF
1966 442.9 H79
Chromosomes, Embryogenesis, Flowers, Gametogenesis, Gamma rays, Irradiation, Plant morphology, Plant physiology, Radiation, Tomatoes. Japanese summary

14102-69
EFFECT OF CELL POISONS ON THE COLLOID-CHEMICAL PROPERTIES OF THE CELL. (RUS)
O A Zauralov P F Zauralova
Fiziol Rast 15(1):152-159 REF
Jan 1968 450 F58
Cells, Dinitrophenols, Plant biochemistry, Plant colloids, Plant metabolism, Plant respiration, Poisons, Sodium fluoride, Toxicology. English summary

CHEMISTRY

14103-69
WORLD REVIEW OF PEST CONTROL SUPPLEMENT. GUIDE TO NEW COMPOUNDS.
Anonymous
World Rev Pest Contr 7(4,WINTER):5P
1968 79.8 W89
Bromo-3-chlorophenyl)-N'-methoxy-N'-methylurea, N-(4-, Butyl-2-dimethylamino-4-hydroxy-6-methylpyrimidine, 5-, Chemicals, Dihydro-5-carboxanilido-6-methyl-1,4-oxathiin-4,4-dioxide, 2 ,, Dihydro-5-carboxanilido-6-methyl-1,4-oxathiin, 2,3-, Dimethyl 2-(methylthio)ethyl phosphorothioate, Pest control, World agricultural situation.

14104-69
SOLVENT PURIFICATION FOR RESIDUE ANALYSIS BY NON-DISTILLATION METHODS.
H Beckman W O Gauer
Residue Rev 18:1-19 REF
1967 389.9 R314
Chemical analysis, Residues, Solvents.

14105-69
SPECTRA AND ANALYSES OF INSECTICIDE SYNERGISTS AND RELATED COMPOUNDS CONTAINING THE METHYLENEDIOXYPHENYL GROUP BY SPECTROPHOTOFLUOROMETRY (SPF) AND SPECTROPHOTOPHOSPHORIMETRY (SSP).
M C Bowman M Beroza
Residue Rev 17:1-22 REF
1967 389.9 R314
Chemical analysis, Chromatography, Insecticide synergists, Methylenedioxyphenyls, Spectrophotofluorometry.

14106-69
CARBAMIC ACID (FLUOROACETOAMIDO-TRICHLORO)ETHYL ESTERS. PATENT 3,442,932.
C Fest G Hermann
Us Patent Office Offic Gaz 862(1):243
06 May 1969 156.65 OF2
Carbamic acid, Esters, Patents, Rodenticides.

14107-69
GAMMA FIELD SYMPOSIA. NUMBER 5. MUTATIONS INDUCED BY RI AND CHEMICALS. JULY 27-28, 1966. OHMIYA-MACHI, IBARAKIKEN, JAPAN.
Gamma Field Symp 122 P. OHMIYA-MACHI, IBARAKI-KEN, JAPAN
1966 442.9 H79
Breeding, Chemicals, Gamma rays, Mutation, Radioactivity, Radioisotopes.

14108-69
SECONDARY MECHANISMS OF ANTIFUNGAL ACTION OF SUBSTITUTED 8-QUINOLINOLS. I. 5- AND 5,7-SUBSTITUTED 8-METHOXYQUINOLINES.
H Gershon R Parmegiani
Boyce Thompson Inst Contrib 24(2):33-36 REF
Jan 1968 451 B69
Biochemistry, Chelation, Fungicides, Quinoline compounds, Quinolinol compounds, 8-.

14109-69
ALKENYL AND ALKYNYL BIPHENYLYL SULFIDES. PATENT 3,442,955.
P E Newallis P Lombardo
Us Patent Office Offic Gaz 862(1):246
06 May 1969 156.65 OF2
Alkenyl biphenylyl sulfides, Alkynyl biphenylyl sulfides, Insecticides, Patents.

14110-69
FLUORODENSITOMETRIC MEASUREMENTS OF AFLATOXINS ON TLC PLATES.
W A Pons
Ass Offic Anal Chem J 51(4):913-914
Jul 1968 381 AS1
Aflatoxin, Chromatography, Cotton, Density, Extracts, Fluorometry, Laboratories.

14111-69
CHROMOGENIC SPRAY REAGENTS FOR THE ORGANOPHOSPHATE PESTICIDES.
R R Watts
Residue Rev 18:105-129 REF
1967 389.9 R314
Chemical analysis, Chromatography, Organophosphorus compounds.

14112-69
ADVANCES IN GAS CHROMATOGRAPHIC DETECTORS ILLUSTRATED FROM APPLICATIONS TO PESTICIDE RESIDUE EVALUATIONS.
W E Westlake F A Gunther
Residue Rev 18:175-217 REF
1967 389.9 R314
Chromatography, Dairy equipment, Pesticide residues, Reviews.

ENGINEERING

14113-69
CESSNA INTRODUCES AGWAGON-A.
Anonymous
Aerial Appl 6(3):8
Mar 1968 333.8 AE8
Aerial spraying, Aircraft, Equipment, Pesticide application, Spraying.

INDUSTRY

EDUCATION

14114-69
THE SILENT SUPERVISOR (A FUNCTIONAL ORGANIZATION CHART).
A G MacBain
Mosquito News 28(4):646
Dec 1968 421 M85
Insect control, Management, Methodology.

14115-69
XEROX TRANSPARENCIES AS A TRAINING AID.
V E Wagner
Mosquito News 28(4):643
Dec 1968 421 M85
Culicidae, Education, Methodology.

REGULATIONS

14116-69
OFFICIAL MEASURES FOR THE CONTROL OF BOVINE LEUCOSIS. (GE)
A Rojahn
Deut Vet Ges Ber 7:200-205 REF
08 Apr 1967 41.9 D482
Blood, Cattle, Leukemia, Livestock diseases, Regulations. English summary

14117-69
A DECADE OF SEED POTATO INSPECTION AT MADRAS PORT.
S N S Srivastava
Plant Protect Bull 18(1):6-8
1966 421 P69
Agricultural regulation, Inspection (agricultural products), Plant quarantine, Potatoes, Seeds.

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